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AUGUSTA COLLEGE

A senior unit
of The University System of Georgia
located at Augusta, Georgia

1971-1972 General Catalog

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Augusta College
Augusta, Georgia

AUGUSTA COLLEGE

Augusta College is a four-year, state supported arts and sciences college in Augusta, Georgia, and is a unit of the University System of Georgia authorized to grant the Associate in Arts, Bachelor of Arts, Bachelor of Science, Bachelor of Business Administration, and Bachelor of Science in Education degrees.

From 1925 until 1963 the college served the Augusta area as a junior college but was converted to a senior college by the Board of Regents of the University System on May 8, 1963.

In the Associate in Arts program, majors are offered in Criminal Justice and Nursing.

In the Bachelor of Arts degree program majors are offered in elementary education, English, French, history, music, political science, psychology, sociology, and Spanish.

In the Bachelor of Science degree program majors are offered in biology, chemistry, mathematics, and physics. The Bachelor of Business Administration degree offers emphases in accounting, business teaching, economics, finance management and executive secretarial science. A Bachelor of Science in Education is offered with a major in Special Education.

While no degree or major is offered in education, other than the majors in elementary education and special education, teacher certification may be obtained by minoring in education and majoring in a selected field of study.

Minor concentrations may be chosen from anthropology, art, biology, business, chemistry, economics, education, English, French, history, mathematics, music, philosophy, physics, political science, psychology, sociology, social service, or Spanish.

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Augusta, Georgia



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AUGUSTA COLLEGE BULLETIN

No. 44

1971-1972

ANNUAL CATALOG ISSUE

THE AUGUSTA COLLEGE IS AN EQUAL EDUCATIONAL OPPORTUNITY INSTITUTION IN THAT NO PERSON SHALL, ON THE GROUND OF RACE, COLOR, SEX, CREED, OR NATIONAL ORIGIN, BE EXCLUDED FROM PARTICIPATION IN OR BE OTHERWISE SUBJECTED TO DISCRIMINATION IN ANY EDUCATIONAL PROGRAM, ACTIVITY OR FACILITY. THIS IS IN COMPLIANCE WITH TITLE VI OF THE CIVIL RIGHTS ACT OF 1964.

A SENIOR UNIT OF THE UNIVERSITY SYSTEM OF GEORGIA

AUGUSTA, GEORGIA 30904



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COLLEGE CALENDAR 1971-72

FALL QUARTER, 1971

August	20	Last day to file applications for new admissions
September	13-14	Orientation and Convocation
September	15-16	Registration
September	17	Exemption exams (optional) in U. S. and Georgia History and U. S. and Georgia Constitutions
September	20	Classes begin
September	22	Last day for late registration and class changes
October	25	Midterm
November	25-28	Thanksgiving recess
December	3	Last day of classes
December	6-10	Examinations
December	10	Term ends

WINTER QUARTER, 1972

December	10	Last day to file applications for new admissions
January	3	Orientation and Registration
January	4	Classes begin
		Exemption exams (optional) in U. S. and Georgia History and U. S. and Georgia Constitutions
January	6	Last day for late registration and class changes
January	8	Saturday will be a regular class day for the Monday schedule through the 9th period
February	7	Midterm
March	10	Last day of classes
March	10-11, 13-15	Examinations
March	15	Term ends

SPRING QUARTER, 1972

February	25	Last day to file applications for new admissions
March	20	Orientation and Registration
March	21	Classes begin
March	23	Last day for late registration and class changes
March	25	Saturday will be a regular class day for the Monday schedule through the 9th period
April	21	Midterm
May	26	Last day of classes
May	26-27, 29-31	Examinations
May	31	Term ends
June	4	Graduation

SUMMER QUARTER, 1972

May	19	Last day to file applications for new admissions
June	12	Orientation and Registration
June	13	Classes begin
June	14	Last day for late registration and class changes
July	4	Independence Day Holiday
July	16	Midterm
August	18	Last day of classes
August	19, 21-23	Examinations
August	23	Term ends
August	25	Graduation

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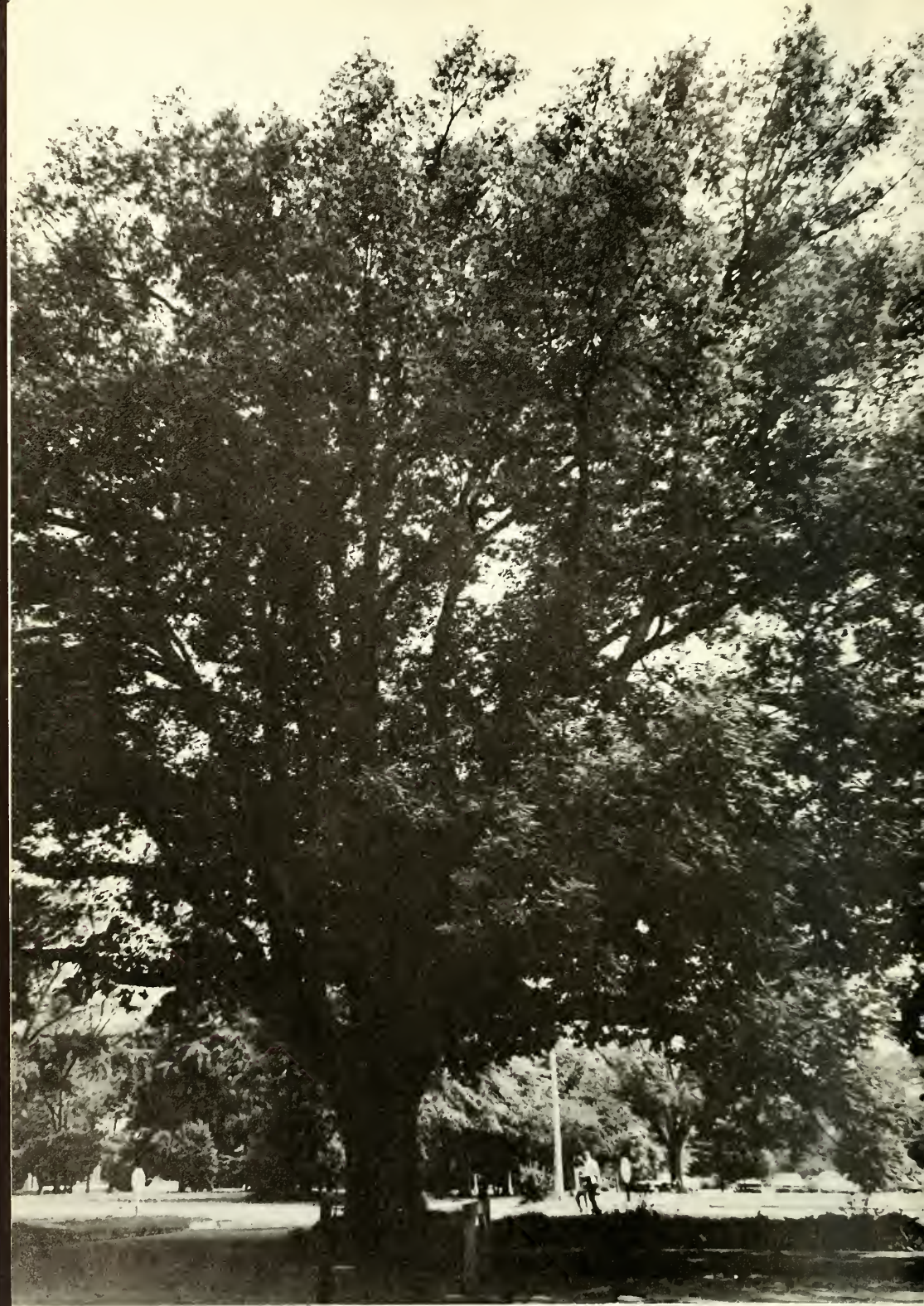
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23	24	25	26	27	28	29		27	28	29	30	31				24	25	26	27	28	29	30	31



Purposes and Objectives

Augusta College is a four-year arts and sciences unit of the state supported University System of Georgia. The Purpose of Augusta College is to provide an educational foundation that will enable its students to be creative, responsible, and productive citizens. The College encourages students to develop critical and analytical approaches to issues and situations, and to develop a frame of reference for informed value judgments. Augusta College is committed to a program that will confront students with the important ideas of Man and that will give them the opportunity of relating these ideas to their own lives and to the problems of our complex society.

HISTORY OF THE COLLEGE

The early beginnings of Augusta College derive from those of The Academy of Richmond Academy which was chartered on 31 July 1783 by a legislative enactment of the State of Georgia under the Constitution of 1777 that provided for the establishment of an "academy or seminary of learning" at Augusta which, in turn, opened in 1785 as The Academy of Richmond County.

In 1910, The Academy of Richmond County, under the Board of Education of Richmond County, added a year of college and commercial work to the standard four-year high school program.

The increasing need for a standard junior college led the Board of Education on August 15, 1925, to found The Junior College of Augusta. Its operation started with the 1926-27 session in what was at that time the new Academy building. The college has been fully accredited since its beginning in 1926.

In December, 1955, after the closing of the Augusta Arsenal by the United States Government, the County Board of Education made application for the western section of this property for educational purposes. On February 12, 1957, a deed was received conveying 38.93 acres of land and thirty-four buildings. On February 18, 1957, a deed to an additional 5.65 acres was received, and the Board of Education purchased three additional acres of the Arsenal property for \$19,600.00.

In September, 1957, The Junior College of Augusta opened on its new campus. During the year, the Board of Education applied to the Board of Regents of the University System of Georgia for the incorporation of The Junior College of Augusta into the University System. This property was awarded to the State in June, 1958, with the Board of Regents assuming control on September 1, 1958. The name of the college was changed to Augusta College.

On March 17, 1959, 15.59 additional acres of former Augusta Arsenal property were deeded to the Regents of the University System. This property contains buildings which have been used to house expanding college functions. In 1965, the U.S. Government deeded about one acre to the Regents for use by the college.

In September, 1970, the Boykin Wright property, which includes 2.46 acres at 1015 Johns Road, was turned over to the State Board of Regents for use by Augusta College. The residence, known as the Boykin Wright Hall, was donated by Mrs. James F. Hillman, Wright's daughter of Pittsburgh, Pa., and by his grandsons, Allen H. Wright and Boykin C. Wright, Jr.

An evening program, which had been offered by the Augusta Center of the University of Georgia as extension course work, was made a part of the total program of educational services of Augusta College by the Board of Regents. Augusta College assumed responsibility for the evening freshman and sophomore course work on June 1, 1959.

On May 8, 1963, the Regents of the University System authorized Augusta College to offer programs leading to the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Business Administration. The first of these degrees was conferred in June, 1967.

On November 13, 1967, the Regents authorized the offering of an Associate Degree in Nursing, and on December 11, 1968 a program leading to the Bachelor of Science in Education was approved.

At the present time majors are offered in biology, business administration, chemistry, elementary education, English, French, history, mathematics, music, nursing, physics, political science, psychology, sociology, Spanish, and special education.

Augusta College is a member of the Southern Association of Colleges and Schools, the Association of American Colleges, the American Council on Education, the American Association of State Colleges and Universities, the American Association of Colleges for Teacher Education, and the National Association of Schools of Music.

The campus is the former plantation of an 18th century Southern leader, Freeman Walker, who deeded the land to the Federal government in 1826 for a fort and arsenal. The 68-acre campus has been and is being altered considerably, although historical features have been retained and renovated, including the walls of the fort of the arsenal which still have in them rifle and gun slits, but which now encompass a garden.

Bellevue Hall, once the home of the Freeman Walker family, is the oldest building on the campus dating back to 1805. This building houses the Counseling Center, the Testing Bureau, and the Office of Publications and Information. The President's Home, the Administration Building, the building housing the FM Radio Station, WACG,

the Office of Institutional Research, and the building housing the Nursing Department and the Purchasing and Personnel Office are located around the quadrangle and were all part of the original arsenal. The Administration Building houses the offices of the President, the Academic Dean, the Director of College and Public Services, and the Director of Extended Services on the second floor. On the first floor are located the offices of the Dean of Students, the Registrar, and the Director of Admissions, and on the ground floor is the Office of the Comptroller and the Business Office.

Other more modern arsenal buildings have been converted into a library, two classroom buildings, a science building, a gymnasium, and a college activities center. In addition, a modern fine arts center with a theater and a modern indoor swimming pool have been added to the campus facilities. Tennis courts, an athletic field, and ample parking facilities are located in the vicinity of the buildings.

An integral part of the Augusta College program, but located approximately ten miles from the main campus, is the Fort Gordon Resident Center. This facility is located at Fort Gordon and houses the office of the Coordinator and classrooms. A number of courses are offered here each quarter in the late afternoon and evenings. While located primarily to serve Fort Gordon personnel, enrollment in these sections is open to any regularly admitted student of Augusta College.

The Augusta College campus is located on a hill overlooking the downtown area of the city of Augusta in the center of the Central Savannah River Area with a population of 612,000. The Medical College of Georgia, offering a variety of professional and graduate programs, is located a short distance away. A close working relationship exists between the two institutions.

Augusta is the commercial and industrial center of the area and is located near the Atomic Energy Commission's Savannah River Laboratory. The region has a mild climate, with a change of seasons, not so pronounced nor so severe as in northern areas, but capable of showing a variety of weather.



Student Life

STUDENT PERSONNEL SERVICES

Augusta College offers a well organized and varied program of services designed to supplement and complement the formal academic program. The Dean of Students is charged with the responsibility for providing experiences which will ultimately contribute to a comfortable and well adjusted student and member of society.

The Office of Student Services coordinates Orientation, Counseling and Guidance, Testing, Housing, Financial Aids, Placement, Student Insurance, Discipline, Convocations, and Student Activities.

ORIENTATION

Freshmen, transient, and transfer students participate in special programs during the first quarter of their enrollment in the College. These events are designed to aid entering students in orienting themselves to the College facilities and regulations, and in becoming acquainted with the faculty, administration, and returning students.

CONVOCATIONS

Augusta College provides a broad spectrum of convocation programs. Distinguished members of the creative and performing arts are brought to the campus in an on-going effort to enrich the educational, personal-social, and cultural components of student life.

COUNSELING AND GUIDANCE

Augusta College maintains a well equipped and professionally staffed Counseling Center to serve the educational, vocational, and personal-social counseling and guidance needs of the student population. The professional counselors provide an absolutely confidential relationship in which the student is assisted in his efforts to achieve reconciliations between self and universe of experience, and ultimately to achieve a state of untroubled adequacy in educational, vocational, and personal-social matters.

TESTING BUREAU

Through the Testing Bureau, an integral component of the Counseling Center, tests and inventories are administered to individuals and groups. The Bureau offers a wide array of personality, interest, aptitude, achievement, and intelligence tests and inventories to students at no cost. The Institutional Admissions Testing Program, the Survey of College Achievement, and other institutional testing programs are administered under the supervision of the Director of the Testing

Bureau who also schedules and conducts national testing programs such as the Graduate Record Examination, the Law School Admissions Examination, the Admissions Test for Graduate Study in Business, Miller Analogies Test, Modern Language Association's Foreign Language Proficiency Test, Medical College Admissions Test, and the National Teachers Examination.

CAREER PLANNING AND PLACEMENT

The College operates the Office of Career Planning and Placement for undergraduates and alumni. The Office helps students focus their career plans by providing a career library of up-to-date information as well as professional counsel on career opportunities in virtually all areas of interest. This is a free service to assist students and alumni in obtaining positions in schools, government, business and industry. Representatives from these organizations come to the Office to seek graduates with specific background, experience, and ability to fill their positions and vacancies.

The Office provides up-to-date job listings in numerous fields, and it offers the applicant opportunities to have interviews with numerous prospective employers. These job vacancies and interviews as well as part-time and summer jobs are listed in the Employment Opportunities Bulletin which is published on a bi-monthly schedule.

HOUSING

Augusta College is a non-dormitory institution. Housing is a matter left to the discretion of the student. However, dormitory space is available at University Hospital. Students interested in these facilities should contact the Assistant Dean of Students.

STUDENT INSURANCE

By special arrangement the College approves a student insurance policy which provides benefits for accident and accidental death and dismemberment. The magnitude of student participation in the plan allows the insurer to offer excellent benefits for a minimal premium.

STUDENT ACTIVITIES

The Coordinator of Student Activities is charged with the responsibility for organizing and implementing a variety of social and non-academic College functions. The Office of Student Activities serves as a clearing house for activities and announcements revolving around the social life of the student population.

The program is designed to provide opportunities for involvement and leadership through a broad spectrum of activities. Members of the Augusta College faculty serve as advisors to the organization.

ATHLETICS

Augusta College is a member of the National Association of Inter-collegiate Athletics (NAIA) and it supports teams in basketball, baseball, golf, swimming and tennis. An Intramural Sports Program is offered throughout the school year for both men and women, with a variety of different sports being offered each quarter.

STUDENT GOVERNMENT ASSOCIATION

Student Government consists of five (5) representatives from each of the freshman, sophomore, junior and senior classes; the officers of each class who are: the president, vice-president, and secretary-treasurer; and the officers of S.G.A. who are: president, vice-president, secretary and treasurer. These S.G.A. officials are elected from and by the student body. All elections are held during the spring quarter with the exception of the election of freshman class officers and representatives which occurs during the fall quarter. The purposes of S.G.A. are: to initiate and sponsor student activities looking to the betterment of student life at Augusta College and to lend student's influence and support to all measures that promote the prestige and usefulness of the College. S.G.A. is a regulatory body and serves in an advisory capacity to the College administration.

The Constitution under which the Student Government Association of Augusta College operates is contained in the Student Handbook.

STUDENT PUBLICATIONS

The *Bell Ringer* is the official student newspaper. It is published on a bi-monthly schedule by a student staff.

White Columns is the College's yearbook. It is compiled and edited by students with the advisement of the Coordinator of Student Activities.

ORGANIZATIONS

SOCIAL AND SERVICE

Alpha Chi Alpha Sorority—A service organization for women on the A.C. Campus.

Alpha Phi Omega—A service organization for men students. It is an affiliate of the Boy Scouts of America.

Black Student Union—An organization dedicated to promote the history of Black Heritage. The union is open to all students.

Circle K Club—A service organization sponsored by the Kiwanis. Membership is by invitation.

Collegiate Civitan Club—A club dedicated to providing service to the community and the college.

Epsilon Tau Epsilon Sorority—A service organization dedicating their services to different community service organizations.

Lambda Alpha Chi Fraternity—Lambda Alpha Chi was chartered as a local social fraternity dedicated to community and training.

Pi Kappa Phi Fraternity—Pi Kappa Phi, Augusta College's first national social fraternity affiliate, is active in all activities of the college.

ACADEMIC AND DEPARTMENTAL

Augusta College Theatre—The AC Theatre stages one production per quarter. The group has become well-known for the professionalism in set design as well as make-up and acting. Membership is open to all interested students.

Biology Club—The Augusta College Biology Club was organized in 1966 to promote biology. The Club sponsors tours of area schools, a series of films, and speakers of interest to the College community.

Forensics (Debate)—Augusta College is a member of the American Forensic Association. The intercollegiate Debate and Forensic Team is open to all students and provides preparation and experience in intercollegiate debate, oratory, oral interpretation, extemporaneous, and after-dinner speaking.

French Club—Le Salon—The French Club was formed to further students' interest in the French language and culture. The Club is open to those students interested in this particular field.

Georgia Music Teachers Association—A student chapter of this organization is open to all music majors for the purpose of exploring more widely the field of teaching and performing music. It is affiliated with the Music Teachers National Association.

History Club—The club is open to students majoring or minoring in History and to all students with an interest in the study of History.

Political Science Club—The club, organized and chartered in 1969, is open to all students interested in Political Science. The club sponsors speakers on various phases of political activities.

Phi Beta Lambda—Phi Beta Lambda is a National Business Fraternity with its main purpose being to help prepare students who are and will be competing in the business world. This organization is open to all students majoring in Business Administration, Business Education, and Secretarial Science. Members of the organization publish a Student Directory.

Physics Club—The Augusta College Physics Club is an organization of students interested in Physics and the related sciences. The three principal goals of the club are to acquire knowledge of recent

scientific developments in Physics, to create a greater interest in science, and to gain a working knowledge of material studied.

Psychology Club—The Psychology Club has two types of memberships. The active membership, which has full voting and office-holding rights, requires majoring or minoring in Psychology. The associate membership is open to all those Augusta College students interested in Psychology.

Sociology Club—The Sociology Club is open to all interested students on campus who are majoring or minoring in Sociology. The purpose of the club is to promote interest in Sociology through regular meetings.

Student Education Association—The Geraldine Hargrove Chapter of Student Education Association at Augusta College is an organization open to college students enrolled in programs of preparation for professional certification to teach. It is affiliated with both the Georgia Association of Education and the National Education Association.

Student Nursing Association of Georgia—A chapter of the Student Nursing Association of Georgia is open to all nursing students.

POLITICAL

Augusta College Student Mobilization Committee (ACSMC)—The ACSMC is an anti-war group. Anyone on the AC campus who is opposed to war may join.

Young Democrats—The Augusta College Young Democrats is a political club open to all interested students regardless of their political philosophy. The club is active on all levels of Democratic Party affairs, the local, state, and national, as well as being involved with the Young Democrats throughout the nation.

Young Republicans—The Augusta College Young Republicans Club is active in local, state, and national Republican affairs, as well as state and national Young Republican activities. Membership is open to all interested students regardless of their political ideology.

RELIGIOUS

Baptist Student Union—The Baptist Student Union is a church-sponsored group open to all Baptists and other interested students. Its purpose is to enhance the spiritual life of its members through group discussion and invited speakers.

Newman Club—The Newman Club of Augusta College fosters spiritual, intellectual, and social interests of its members through regular gatherings. Its membership is open to all interested Catholic students on campus.

SPECIAL

Inter-Racial Council—The group was formed during Spring Quarter of 1970. The body is independent from SGA and ICC. The concept of the Council is for the group to better the relationship among the Black and White students and to act as arbitrators in student disagreements. The group is composed of four White and four Black students elected at large from the student body.

HONORARY

Who's Who—Augusta College participates annually in Who's Who among Students in American Universities and Colleges, a national honor conferred upon outstanding student leaders from approximately 1,000 colleges and universities in the United States. Academic standing, service to the community, leadership in extracurricular activities and future potential are requisites for the honor.

HONORS AND AWARDS DAY

During the latter part of the spring quarter, an annual Honors and Awards Day program is held. At this time three groups of students are given recognition: those meriting scholarship honors for having made superior grades; those exhibiting constructive leadership in the advancement of the College, or who have rendered unselfish service in an outstanding manner during their years in College. Those earning awards for participating in College athletics during the year are honored on a separate date.

The following individual awards are made in addition to the above college awards:

Baillie's Custom House Award—The recipient is selected by the departmental faculty for unusual achievement in the field of Art, the name being inscribed upon a permanent plaque.

Batthey Oratorical Award—A silver trophy is awarded to the student who writes and delivers the best oration in the field of Southern History or Literature. This award is offered through the United Daughters of the Confederacy.

Business Administration Awards—Four awards are made annually by the Department of Business Administration. Two awards are provided by Phi Beta Lambda. These go to seniors who achieve the highest academic averages in the business education and executive secretarial programs respectively. The Department of Business Administration makes two awards, honoring the seniors with the highest academic average and the highest average in economics courses respectively.

Chemistry Achievement Award—Through this award the Chem-

istry Department honors the freshman student who makes the most progress.

Cranford Psychology Award—This plaque is awarded to the outstanding Senior in Psychology.

Theodore deTreville Award for Excellence in History—This is an award offered by Mrs. Virginia E. deTreville as a memorial to her son, Theodore Evans deTreville, an Augusta College student. The award is given to the outstanding student graduating with a Major in History. Criteria for the selection of the recipient include an interest in the further study, scholarship, or teaching of history, good character, and outstanding personal qualities.

Edward B. Turner Award—The recipient is selected by departmental faculty on the basis of outstanding achievement and service to the college in the field of Music, the name being inscribed on a permanent plaque.

Mathematics Award—The Savannah River Section of the American Nuclear Society sponsors an annual award honoring an outstanding student in mathematics. The recipient of this award must be a junior or senior majoring in mathematics and is to be selected by the Mathematics faculty.

McCrary Science Award—This is a plaque award offered by Mrs. Ruby McCrary Pfadenhauer as a memorial to Charles A. McCrary to the student attaining the highest average in English.

McCrary Science Award—This is a plaque award offered by Mrs. Ruby McCrary Pfadenhauer as a memorial to Charles A. McCrary to the student attaining the highest average in science.

Physics Achievement Award—The Savannah River Section of the American Nuclear Society sponsors an annual award honoring an outstanding student in physics. The recipient of this award must be a senior majoring in physics and is to be selected by the Physics faculty.

Student NEA Award—The Student Education Association annually provides a book for the Augusta College Library in honor of an outstanding graduate in a program leading to certification to teach. Criteria for the selection of the recipient include records of service, participation and scholastic achievement as well as personal qualities.

The Augusta College Oratory Medal—This medal is awarded each year to the student who prepares and delivers the best oration on The Constitution of the United States.

The Biology Department each year chooses the outstanding senior Biology student for recognition of scholastic achievement.

CLARK HILL RECREATIONAL FACILITIES

Augusta College has a long-term lease on a 39.5 acre recreation area located on the shore of the Clark Hill reservoir about 28 miles from the campus. Equipped with a recreation building, picnic area, beach area, and boat ramp, this facility is available for the use of individual students and student organizations.

FINANCIAL AID

The Director of Financial Aid coordinates the financial aid program and assists students who seek scholarships, loans, grants and part-time employment. Particulars regarding the types of assistance listed herein are available through the Director.

FINANCIAL ASSISTANCE FOR ENTERING FRESHMEN

The Augusta College application for Financial Aid can be obtained by writing the Office of Financial Aid. The completed application should be returned to the Office of Financial Aid no later than June 1 for Fall Quarter and March 1 for Summer Quarter. This application enables applicants to receive consideration for all types of aid administered through the Office.

In addition the applicant must submit a Parents' Confidential Statement (PCS) to the College Scholarship Service designating Augusta College to receive the analysis. The PCS is available at this Office or at local high schools and it should be submitted by May 1 for Fall Quarter and February 1 for Summer Quarter. Applicants must submit both forms in order to be considered for financial assistance.

Every effort is made to notify applicants of amounts and kinds of assistance by June 30 for Fall Quarter and March 30 for Summer Quarter. No awards are made until applicants are accepted for admission to Augusta College.

FINANCIAL ASSISTANCE FOR RETURNING AUGUSTA COLLEGE STUDENTS AND TRANSFER STUDENTS

Returning Augusta College students and transfer students should secure an Augusta College Application for Financial Aid between March 1 and March 30. The completed application should be returned no later than two weeks after it has been obtained.

In addition the applicant must submit the Renewal Form of the Parents' Confidential Statement (PCS) to the College Scholarship Service, designating Augusta College to receive the analysis. Both forms must be completed in order to be considered for financial assistance. Every effort is made to notify applicants as to the amounts and types of assistance by June 30.

LOAN FUNDS

Financial assistance may be obtained through an educational loan which carries a nominal interest rate. The following loan funds are available to students who attend Augusta College:

Augusta Free School Board. Sponsored by Augusta Free School Board of Trustees.

Doug Sanders Loan Fund. Loans are available for Georgia residents who are graduates of a Georgia high school, are good students, and have financial need.

Georgia Higher Education Assistance Corporation. All Georgia residents in financial need and who desire a college education may apply for these loans.

Hal C. Moore Memorial Student Loan Fund. Administered by West Augusta Rotary Club.

J. B. White Foundation. Sponsored by the J. B. White Foundation Trustees.

Lawton B. Evans Loan Fund. Sponsored by the Augusta Rotary Club.

National Defense Student Loans (NDSL). The NDSL program offers low interest and long range loans to qualifying students.

Pickett and Hatcher Educational Fund. Loans are available for students other than those studying for medical, legal, or ministerial professions.

United Student Aid Fund Guaranteed Student Loan. Long-term low-interest loans available through private lending institutions and military credit unions.

WORK STUDY PROGRAMS

YMCA Work Study Program. This program is sponsored by the local YMCA.

Richmond County Athletic Association Assistantships. Tuition assistance is given men students at Augusta College who assist with the coaching of elementary school athletics in Richmond County.

Augusta College Work Assistantships. The College has need for student workers in offices, library, and laboratories. The expenses of attending college usually can be defrayed in this manner.

College Work-Study (CWS). The CWS program provides on and off campus employment for qualifying students from low income families.

GRANTS

Educational Opportunity Grants (EOG). The EOG program

provides outright grants to qualifying students from low income families.

DISCIPLINE

Augusta College has defined the relationships of students as members of the College Community through the document, *Student Rights and Responsibilities*. The document is available to all members of the College Community through the Office of the Dean of Students.

The students of Augusta College have established a precedent of exemplary behavior as members of the College and civic communities. Individuals and groups are expected to observe the tradition of decorum and behave in no way which would precipitate physical, social, or emotional hazards to other members of the College community. Improper behavior is at once a breach of tradition and inconsistent with the aims and objectives of the College. Such behavior subjects the student to disciplinary probation, suspension, expulsion, or other appropriate disciplinary measures. The student shall be notified in writing of his right to appeal the decision of the College official or judicial body.

Details concerning discipline are contained in the publication entitled "*Student Rights and Responsibilities*," Augusta College.

STUDENT PROFILE RECORDS

Student profile records are kept in the Office of Counseling and Guidance and are used in counseling with students in the course of their college program and in making recommendations for job applications, scholarship applications and similar matters.

PARKING FACILITIES AND FEES

Adequate parking facilities are provided for the convenience of the large number of students commuting from neighboring towns.

All motor vehicles must be registered. Parking permits are available in the Public Safety office. An annual permit, which is valid for the academic year only (3 quarters), may be purchased for \$5.00. A second permit will cost \$1.00. A parking permit for the summer quarter only may be purchased for \$2.00.

ADMISSIONS POLICIES AND PROCEDURES

The College accepts applications for admission to both degree and non-degree status. Application forms are available upon request from the Director of Admissions, Augusta College, Augusta, Georgia 30904.

The University System of Georgia sets certain minimum standards for admission, reserving to the individual institutions the right of additional requirements. Accordingly, the College reserves the right

to refuse admission to any applicant who, in its judgment, is not qualified to pursue college-level work at Augusta College by reason of his lack of intellectual capacity, demonstrated academic achievement, quality of training, moral character, social adjustment, or physical fitness. To make this judgment, the College may require of any applicant a personal interview and more than routine information.

APPLICATION DEADLINES

The application form, along with all supporting documents, must be received by the Director of Admissions no later than 30 days before the beginning of the quarter in which the applicant wishes to enroll. The Director of Admissions is unable to act upon incomplete applications or upon applications completed after the deadline.

A student who does not register in the quarter for which he is admitted and who wishes to attend at a later date, must file a new application form, including any additional supporting documents, but he is not required to pay another application fee.

ADMISSION AS A DEGREE CANDIDATE

1. *Freshman students.* The minimum requirements for admission as a degree candidate are:

- (1) graduation from an accredited high school, and
- (2) sixteen units of high school work distributed as follows: English, 4 units; algebra, 2 units (one additional unit in plane geometry for intended science majors); social studies (1 unit in American history), 2 units; science (general science, biology, chemistry, physics), 2 units; academic electives, 4 units; unrestricted electives, 2 units;

or comparable entrance examinations completed at a level satisfactory to the College.

2. *Transfer students.* In order to be admitted at Augusta College as a transfer student, an applicant must be in good standing at the institution last attended. The College does not accept an application for admission as a transfer student if the applicant is ineligible to continue at, or return to, the educational institution in which last enrolled.

In addition to the minimum requirements for freshman admission, an applicant for admission as a transfer student must present a grade point average which meets the minimum scholarship standard acceptable for Augusta College students (see p. 25). The College reserves the right to make its own assessment of courses offered for transfer credit.

3. *Application for admission as a degree candidate.* Each applicant for admission as a degree candidate must submit: (1) a completed application form, (2) a transcript from each secondary school attended, (3) scores on the College Entrance Examination Board's Scholastic Aptitude Test, and the Achievement Tests in English Composition and Intermediate Mathematics (Level I), (4) a transcript from each college attended, and (5) a statement of place of residence.
4. *Admission of High School Juniors.* Under exceptional circumstances, students may be admitted to Augusta College at the end of their junior year in high school. They must have outstanding records in college preparatory subjects and must present scores on the combined Verbal and Mathematics sections of the Scholastic Aptitude Test satisfactory to the Augusta College Admissions Office. The recommendation of the student's high school principal will be considered by the Admission Office. Applicants interested in this program should contact the Director of Admissions.

ADMISSION AS A NON-DEGREE STUDENT

A non-degree student may be either a transient student or a special student.

1. *A transient student* is a degree candidate at another institution, who is granted the privilege of temporary registration at Augusta College for one quarter. He may renew his status for a second quarter or transfer as a degree candidate provided his total academic record meets the minimum scholarship standards acceptable for Augusta College students (see page .).
2. *Application for admission as a transient student.* Each applicant for admission as a transient student must: (1) meet the minimum admissions requirements for degree candidates, (2) file a completed application form, (3) submit a letter of good standing from the dean of the college in which he is matriculated, and (4) file a statement of place of residence.
3. *A special student* is not a degree candidate at Augusta College or at another educational institution, but is one who, for various reasons, seeks particular instruction at Augusta College.
4. *Application for admission as a special student.* Each applicant for admission as a special student must: (1) meet the minimum admissions requirements for degree candidates, (2) file a completed application form, (3) present evidence of honorable dismissal from the institution in which he was last enrolled, or evidence of holding a bachelor's degree, and (4) file a statement of place of residence.

VETERANS

Veterans and children of persons who died of a disease or injury incurred or aggravated in the line of duty in the active service of the armed forces during World War I, World War II, the Korean Police Action, or the Vietnam conflict should submit proper credentials from the Veterans Administration to the Registrar after acceptance to the college.

Each veteran should make provisions for adequate financial backing for one full quarter since payments from the VA are sometimes delayed.

GENERAL PROVISIONS

1. If it shall appear to the Director of Admissions of the College that the educational needs of an applicant to this institution can best be met at some other institution of the University System, he shall refer the applicant to that institution.
2. The Director of Admissions of the College may refer any application to the Academic Policies Committee for study and advice.
3. Eligible applicants who wish to appeal the admissions decision of the Director of Admissions have the right of appeal as provided in the bylaws of this institution, the Board of Regents, and the University System.
4. The College reserves the right to reject an applicant who is not a resident of the State of Georgia.
5. The Augusta College Summer Trial Program is designed to assist students in overcoming academic weaknesses apparent at the time of application.

Under the terms of the Summer Quarter Trial Program a student is required to complete a full program of studies (16 quarter hours) including either Mathematics 101 (Freshman Mathematics I), or English 101 (College Composition) and Physical Education. (Business Majors take Finite Mathematics, Math 121, instead of Mathematics 101). The student must earn a quality point average of at least 1.00 (D average).

Full College credit is awarded for all work satisfactorily completed.

The duration of the Summer Trial Program is one quarter only.

ADMISSION TO NON-CREDIT PROGRAMS AND COURSES

The requirements for admission to non-credit seminars, short courses, and study institutes are administered by the Director of

Extended Services consistent with policies of the University System of Georgia and Augusta College.

EXPENSES AND BUSINESS REGULATIONS

GENERAL BUSINESS REGULATIONS

The college year of nine months is divided into three quarters of approximately three months each. Expenses are charged and payable by the quarter since each quarter constitutes a separate unit of operation. A student may enroll at the beginning of any quarter.

To insure sound financial operation and conformity with the policies of the Board of Regents, certain regulations must be observed.

All payments are to be made to the Comptroller's Office located in the Administration Building. Fees and charges may be paid in cash or by check in the amount of the student's bill. If a check given for a student's bill is not paid on presentation to the bank on which it is drawn, a payment of a \$5.00 service charge will be required. Other returned checks will require the payment of a \$2.00 service charge.

Registration at the beginning of each quarter is not complete until all general fees have been paid and no student may be admitted to classes without having met his financial obligations.

Fees and charges are subject to change at the end of any quarter.

APPLICATION FEE

A fee of \$10.00 must accompany a new student's application for admission. This fee is not refundable and does not apply toward registration or matriculation fees.

MATRICULATION FEE

The matriculation fee is charged all students. Those registering for 12 quarter hours or more will be charged \$105 per quarter. Students registering for fewer than 12 quarter hours will be charged at the rate of \$9 per quarter hour.

RESIDENTS' TUITION

RESIDENCE CLASSIFICATION

A student who is under 21 years of age at the time he seeks to register or re-register at the beginning of any quarter will be accepted as a resident student only upon his presenting evidence that his supporting parent or guardian has been legally domiciled in Georgia for a period of at least twelve months immediately preceding the date of registration or re-registration.

In the event that a legal resident of Georgia is appointed as guardian of a non-resident minor, such minor will not be permitted to register as a resident student until the expiration of one year from the date of appointment, and then only upon proper evidence that such appointment was not made to avoid payment of the non-resident fee.

If a student is over 21 years of age, he may register as a resident student only upon showing that he has been domiciled in Georgia for at least twelve months prior to the registration date. Any period of time during which a person is enrolled as a student in any educational institution in Georgia may not be counted as a part of the twelve months' domicile and residence herein required when it appears that the student came into the State and remained in the State for the primary purpose of attending a school or college.

A full-time faculty member in an institution of the University System, his wife, and minor children may register for courses on the payment of resident fees, even though the faculty member has not been in residence in Georgia for a period of twelve months. If the parents or legal guardian of a minor changes residence to another state following a period of residence in Georgia, the minor may continue to take courses for a period of twelve consecutive months on the payment of resident fees. After the expiration of the twelve months' period the student may continue his registration only upon the payment of fees at the non-resident rate.

MILITARY PERSONNEL

Military personnel stationed in Georgia, and their dependents, may become eligible to enroll in institutions in the University System as resident students provided they file with the institution in which they wish to enroll the following materials:

- (a) A statement from the appropriate military official as to the applicant's "home of record";
- (b) Evidence that the applicant, if over 21 years of age, is eligible to vote in Georgia;
- (c) Evidence that the applicant, if under 21 years of age, is the child of parents who are eligible to vote in Georgia;
- (d) Evidence that the applicant, or his parents, filed an income tax return in Georgia during the preceding year.
- (e) Other evidence showing that a legal domicile has been established in Georgia.

FOREIGN STUDENTS

Foreign students who attend institutions of the University System

under the sponsorship of recognized civic or religious groups may be enrolled upon the payment of resident fees, provided the number of such foreign students in any one institution does not exceed the quota approved by the Board of Regents for that institution.

All aliens shall be classified as non-resident students; provided, however, that an alien who is living in this country under a visa permitting permanent residence or who has filed with the proper federal immigration authorities a Declaration of Intention to become a citizen of the United States shall have the same privilege of qualifying for residence status for fee purposes as has a citizen of the United States.

In addition to the regular admission requirements, students from countries whose native language is other than English must present evidence that their ability to speak, read and understand English is adequate to undertake academic studies. Scores from the "Test of English as a Foreign Language" are used to determine proficiency. Test scores should be furnished the Admissions Office at the time of application.

Foreign students must, prior to admission, furnish evidence that they have sufficient funds to defray living expenses in the United States and the required college matriculation fees.

TEACHERS

Teachers in the public schools of Georgia and their dependents may enroll as students in the University System institutions on payment of resident fees, when it appears that such teachers have resided in Georgia for nine months, that they were engaged in teaching during this nine months' period, and that they have been employed to teach in Georgia during the ensuing school year.

In the event that a woman who is a resident of Georgia and who is a student in an institution of the University System marries a non-resident of the State, the woman will continue to be eligible to attend the institution on payment of resident fees, provided that her enrollment is continuous.

If a woman who is not a resident of Georgia marries a man who is a resident of Georgia, the woman will not be eligible to register as a resident student in a University System institution until she has been domiciled in the State of Georgia for a period of twelve months immediately preceding the date of registration.

Non-resident graduate students who hold assistantships that require at least one-third time service may register as students in the institution in which they are employed on payment of resident fees.

OUT-OF-STATE TUITION

Non-resident of Georgia registering for 12 or more credit hours must pay a fee of \$135 per quarter in addition to all regular fees.

Students carrying fewer than 12 credit hours in a quarter who are not legal residents of the State of Georgia will pay at the rate of \$11 per quarter hour (See page 26 for classification of students as residents or non-residents.)

FEES

STUDENT SERVICES FEE

Each student will be charged a non-refundable Student Service Fee of \$15.00 per quarter. This fee is used to defray expenses for essential student services not normally covered in the instructional and educational budget.

LATE REGISTRATION

Students who do not register and pay fees at the time designated for registration in the College Calendar will be charged a late Registration Fee of \$3.00 for the first day after registration, plus a \$1.00 for each additional day of late registration up to a maximum of \$5.00.

GRADUATION FEE

A fee of \$10.00 will be charged graduates for a diploma and rental of cap and gown. This is payable at the time the student applies for graduation *no later than the mid-term date of the quarter preceding the final quarter of course work.*

TRANSCRIPT FEE

A student who has discharged all financial obligations to the college is entitled to receive on request and without charge one transcript of his full academic record. A charge of \$1.00 will be made for each additional transcript.

CHANGE OF SCHEDULE FEE

A fee of \$1.00 is charged for each schedule change made by the student after registration. No charge is made if the change is initiated by the college.

READING IMPROVEMENT

Participants not enrolled in Augusta College are charged a fee of \$40.00 per quarter. For Augusta College students taking 15 or more hours of academic work, there is no fee. The fee for Augusta College students taking 10 hours of work is \$15.00; for those taking 5 hours, \$25.00.

MUSIC FEES

Private instruction in piano, organ, orchestral instruments, voice,

or composition, two one-half hour lessons or one 1-hour lesson each week, per quarter, \$45.00 in addition to the matriculation fee. Applied music instruction is available to any Augusta College student upon payment of the music fee.

OTHER EXPENSES

In estimating costs of attending Augusta College, these miscellaneous expenses should be considered: (1) books and supplies, particularly in courses which require the purchase of special supplies such as art, engineering drawing, biology; (2) an official uniform required of all enrolled in freshman and sophomore physical education.

SUMMARY OF FEES

Application Fee, non-refundable (all new admissions)		\$10.00
<i>General Fees (per quarter)</i>	<i>Residents of Georgia</i>	<i>Non- Residents</i>
Matriculation Fee		
12 or more quarter hours	\$105.00	\$105.00
Fewer than 12 (per hour)	9.00	9.00
Non-Resident Tuition		
12 or more quarter hours		135.00
Fewer than 12 (per hour)		11.00
Student Services Fee, non-refundable	15.00	15.00
<i>Privilege Fee (as applicable)</i>		<i>All Students</i>
Late Registration—Maximum		5.00
Graduation		10.00
Transcript, first one free, each additional		1.00
Change of Schedule		1.00

REFUNDS

Official Withdrawal from College: Refunds will be made at the end of the quarter in which the withdrawal is made. Students who officially withdraw with a clear record within the time specified after the scheduled registration date may receive refunds as indicated:

<i>Time of Withdrawal</i>	<i>Percent Refunded</i>
Not more than one week	80
Not more than two weeks	60
Not more than three weeks	40
Not more than four weeks	20
More than four weeks	0

Unofficial Withdrawal from College: No refund will be made to a student who withdraws from college without filing official withdrawal forms with the Registrar's Office.

Reduction in Course Load Initiated by the College: If a course is dropped by the College from the quarter's schedule, students affected will be due a refund on the difference between total fees paid and charges on the amount of course work remaining.

Reduction in Course Load Initiated by the Student: If a student drops part of the course load for which he registers, a refund on the difference between total fees paid and charges on the amount of course work remaining will be made. The above schedule of percentages of refunds will apply. Such cases will be considered as schedule changes and the Change of Schedule charge will be made.



Academic Regulations

The academic program of Augusta College is administered by fourteen academic departments, each headed by a Chairman, all reporting to the Office of the Academic Dean. These departments furnish the basic organization of the faculty into the various academic disciplines and provide the framework for the generation and maintenance of quality education in the variety of courses and programs listed in the catalog.

The College Committee on Academic Policies and the College Curriculum Committee serve as the major sources for recommendations to the faculty on policies in these areas. The faculty reserves the right to recommend changes in curricula, as in rules, at any time when in its judgment such changes are in the best interest of the student and the College.

Registration at the College involves the student's acceptance of the official academic regulations. The student is expected to follow the program outlined by his department and should do sufficient planning, in consultation with his Faculty Advisor, to avoid scheduling difficulties which may impede his normal academic progress.

OFFICE OF STUDENT RECORDS

Permanent academic records are maintained by the Registrar in the Office of Student Records. Certified copies of a student's record are released only at the direction of the individual student. This office also furnishes certifications of enrollment to the Selective Service System, the Veterans Administration, and the Department of Health, Education, and Welfare.

UNIT OF CREDIT

The College is organized on the quarter system. Each of the three quarters in the regular session extends over a period of approximately 12 weeks.

The quarter hour is the unit of credit in any course. It represents a recitation period of one fifty-minute period a week for a quarter. A course meeting five periods a week would thus give credit of 5 quarter hours when completed satisfactorily. For credit purposes, two laboratory or activity periods are counted as the equivalent of one recitation class period.

A student may not receive additional hours of credit if he repeats a course in which he has already earned credit.

STUDENT LOAD

The normal course load of a full-time student is 15-17 quarter

hours of credit work. A student may schedule an overload up to a maximum of 21 quarter hours of credit work if (1) he has a grade point average of 3.00 overall, or (2) he is within 21 hours of graduation. Special approval from the Academic Dean is required for a student to schedule more than 21 quarter hours of credit work.

AUDITORS

Regularly enrolled Augusta College students may register for courses as auditors. No academic credit shall be awarded to students enrolled on this basis. After the last day for registration, no changes from an audit basis to credit or from credit to audit will be permitted.

STUDENT CLASSIFICATION

For the purpose of class organization, students are classified on the basis of number of quarter hours of academic credit earned at the time of registration as follows: Freshman 0-39, Sophomore 40-79, Junior 80-129, Senior 130 or more.

COURSE CHANGES

Courses may be dropped and (or) added only upon the approval of the student's faculty advisor. Course changes are not to be made at the whim of the student. In the case of course changes, the student must initiate an "Add-Drop" form which can be obtained from the Registrar's Office.

The last day for late registration, as given in the College Calendar, shall be the last day a student may enroll in a class.

CLASS ATTENDANCE

Regular and punctual attendance is expected of students in all classes, and is counted from the first class meeting each term. After the equivalent of one week of absences from a class, regardless of cause, the student is subject to being dropped from the class by the instructor. A student so withdrawn may appear before the Academic Policies Committee for reinstatement. In the event a student is reinstated, he is fully responsible for making up all work missed while his case was pending before the Academic Policies Committee.

GRADING SYSTEM

Letter grades are recorded according to the following scale:

<i>Grade</i>	<i>Quality Credits</i>
A	Excellent 4.0
B	Good 3.0
C	Satisfactory 2.0
D	Poor 1.0
F	Failure 0

WF	Withdrawal, Failing	-----	0
I	Incomplete	----- Not Computed	
WP	Withdrawal, Passing	----- Not Computed	
AUD	Audit	----- Not Computed	

If a student withdraws, or is withdrawn from a course after the period for course changes, the instructor will submit a grade of WF or WP; however, if a student withdraws from a course after mid-term date, the instructor will normally submit a grade of F.

GRADE CHANGES

Any grade changes must be accomplished within the quarter immediately following the quarter in which the grade was originally reported.

The maximum time for completing course work to remove an "I" (Incomplete) is one quarter; otherwise, the "I" is to be recorded as an "F". Any appeal for an exception must be made to the chairman of the department in which the course was taken and to the Academic Dean of the College.

SCHOLARSHIP STANDARDS

A candidate for a degree must maintain a minimum grade point average consistent with the College's requirement of a C (2.00) average for graduation. A student who fails to meet acceptable minimum standards of scholarship normally forfeits the privilege of continued attendance.

The grade point average used to determine minimum acceptable standards is computed by multiplying the number of credits per course—excluding courses in which a grade of I, WP, or AUD is recorded—by the quality credits earned, and dividing the sum of the products by the total number of credits *attempted*.

DEAN'S LIST

The Dean's List is compiled quarterly. Students who have attained a grade average of 3.5 are placed on the Dean's List. Only students who are taking a full load of course work are eligible for this honor.

ACADEMIC PROBATION AND SUSPENSION

The levels of academic performance required of Augusta College students are as follows:

- 1.50 for 0 to 48 hours earned
- 1.75 for 49 to 96 hours earned
- 1.90 for 97 to 142 hours earned
- 2.00 for 143 or more hours earned

A student who, at the completion of the first quarter, fails to meet

the GPA required in the first level of hours earned (0-48 hours), will be given a warning. He will be placed on probation after the second quarter and suspended after the third quarter if his cumulative point average falls below the standards specified above.

Students who fail to obtain the required GPA at all other levels will be placed on probation at the end of the first quarter they fail to meet minimum required GPA and suspended at the end of the next quarter that they are enrolled if they have not attained good standing.

A student may remove himself from academic probation by earning the minimum cumulative grade point average specified above.

PETITION FOR REINSTATEMENT

A student suspended for academic deficiencies *may be* reinstated by the Academic Dean after the lapse of three quarters provided he: (1) petitions the Academic Dean in writing one month in advance of the beginning of the quarter for which he seeks to be re-instated, and (2) undertakes any testing and counseling procedures the Dean may recommend.

A suspended student is reinstated on probation.

ACADEMIC DISMISSAL

A second academic suspension is permanent.

GRADUATION REQUIREMENTS

A candidate for the degree of Bachelor of Arts, Bachelor of Science, Bachelor of Science in Education or Bachelor of Business Administration must satisfy the following requirements in order to graduate:

1. *Course requirements:* completion of a minimum of 180 quarter hours of credit exclusive of credit earned in Physical Education 100-200 courses.
2. *Grade point average:* an overall grade point average of at least 2.0 (C).
3. *Residence requirement:* completion of a minimum of 45 quarter hours academic credit in courses numbered 300 and above on the main campus of Augusta College. At least 30 hours of this credit must be earned after achieving senior status.

A student who has satisfied the foreign language requirements for his degree may count the courses taken during his junior and senior years in any other foreign language, regardless of course numbers, toward his upper division (300-400 level) graduation requirements.

The amount of academic credit that the College will allow for work done in another institution within a given period of time may not exceed the normal amount of credit that could have been

earned at the College during that time. The Academic Dean of the College determines which credits may be applied toward fulfilling degree requirements. A maximum of 96 quarter hours of credit earned in a junior college may be applied toward a degree.

Normally, Augusta College does not permit its students to enroll in extension courses or in correspondence courses. Permission to enroll in such courses and to obtain transfer credit for such courses must be requested through written petition to the Academic Dean of the College.

4. *Core Curriculum requirements:* *quarter
hours*

AREA I

Humanities—20 Hours

*Eng 101-102, or	College Composition I & II	10
¹ Eng 101 and	College Composition I	5
Eng 111	Freshman English	5
	and	
Hum 221-222	Humanities I & II	10

AREA II

Science & Mathematics— 20-22 Hours

²Science — 10-15 Hours

Bio 101 and	Biology I	5
Bio 102, or	Biology II	5
Chm 101-102, or	General Chemistry I & II	10
Chm 105 and	Basic Chemistry	5
Chm 245, or	Basic Organic Chemistry & Biochemistry	5
Psc 101-102, or	Physical Science I & II	10
Pcs 201-202, or	General Physics I & II	10
Pcs 211 and	Mechanics	6
Pcs 212	Electricity	6

Mathematics—5-10 Hours

Mat 101	Freshman Mathematics I	5
Mat 102	Freshman Mathematics II	5
Mat 111	Precalculus Mathematics	5
Mat 121-122	Finite Mathematics	10

*A grade of "C" or better is required in each course.

¹Advanced placement credit for Eng 101 upon satisfactory completion of Eng 111.

²At least ten quarter hours to be taken in one department.

AREA III

Social Science—20 Hours

His 211 or	American History to 1877	5
His 212 and	American History since 1877	5
Pol 101 or	American Government	5
Pol 201	American Government	5

(His 211 or 212 satisfies the *legislative and core* requirements for History. Pol 101 satisfies the *legislative and core* requirements for government. If Pol 201 is taken it satisfies the core *but not the legislative requirements* which are then met by passing the exemption examinations.)

and two of the following courses:

Ant 101	Introductory Anthropology	5
Ant 201	Cultural Anthropology	5
Ecn 101	Principles of Economics I	5
Ecn 102	Principles of Economics II	5
His 115	History of Western Civilization I	5
His 116	History of Western Civilization II	5
His 211	American History to 1877	5
His 212	American History since 1877	5
Phy 101	Introduction to Philosophy	5
Pol 201	American Government	5
Psy 101	Principles of Psychology	5
Soc 101	Introductory Sociology	5
Soc 111	Introduction of Social Work	5
Soc 202	Contemporary Social Problems	5
Soc 221	Courtship and Marital Adjustment	5

AREA IV

Thirty to thirty-three hours, applicable to the major, are required in this area. Some courses listed for some majors may also be found in Areas I, II or III but may NOT be counted in more than one area.

Biology

<i>Courses</i>	<i>Hours</i>
Mat 201 or 221	5
Chm 103	5
Bio 103 or 101, 102	5
Choice of three of the following:	
Bio 201, 202, 221, 222	15

<i>Business Administration</i>	
<i>Courses</i>	<i>Hours</i>
Bus 211 & 212	10
Ecn 102, 103, & 201	15
Eng 301	5
<i>Chemistry</i>	
<i>Courses</i>	<i>Hours</i>
Four of the following:	
Chm 101, 102, 103, 281	
Mat 111, 201, 202, 203, 204	20-21
Two of the following:	
Pcs 201, 202, 203, 211, 212, 213	
Fr 101, 102, 201, 202	
Ger 101, 102, 201, 202	10-12
<i>Education</i>	
<i>Courses</i>	<i>Hours</i>
Edu 204	5
Psy 101	5
Hum 223	5
Choice of three of the following:	
Spc 101	
Ggy 101	
His 116	
Fr 101, 102, 201, 202	
Ger 101, 102, 201, 202	
Sp 101, 102, 201, 202	
Phy 101, Bio 203-204	15
<i>French</i>	
<i>Courses</i>	<i>Hours</i>
French through 211	5-25 hrs
Choice from the following courses to complete the 30-hour requirement in this area:	
Art 121, 122, 123, 211, 212, 213, 225	
Dra 225	
Edu 204	
Ger 101, 102, 201, 202, 211	
His 115, 116	
Jrl 101	
Mus 101, 102, 103, 111, 112, 113	
201, 202, 203, 211, 212, 213	
225	
Phy 101	
Sp 101, 102, 201, 202, 211	
Spc 101	

English

<i>Courses</i>	<i>Hours</i>
His 115, 116, 211, 212	10-20
Pol 101	
Fr 101, 102, 201, 202, 211; or	0-20
Ger 101, 102, 201, 202, 211; or	
Sp 101, 102, 201, 202, 211	
Choice of two of the following: (if needed for 30 hr. requirement):	
Art 121, 122, 123, 211, 212, 213, 221, 222, 223, 225	
Dra 225	
Mus 101, 102, 103, 111, 112, 113, 201, 202, 203, 211, 212, 213, 225	
Spc 101 or 201	
Edu 204	
Jrl 101	
Phy 101, 201, 203	
Pol 201	
Psy 101 or 250	
Ant 101 or 201	
Soc 101, 111, 202	0-10

Fine Arts

<i>Courses</i>	<i>Hours</i>
Mus 111, 112, 113, 211, 212, 213	30

History

(The Foreign Language requirement may be satisfied via the arrangement of courses in *Track A* or *Track B*.)

<i>Track A Courses:</i>	<i>Hours</i>
Foreign Language 101, 102, 201, & 202, or	5-20
Foreign Language 201 & 202, or	
Foreign Language 202 or 211	
and:	
His 212	5
Soc 101	5
<i>Track B Courses:</i>	
Foreign Language 101 & 102, or	5-10
Foreign Language 201 & 202, or	
Foreign Language 202 or 211	
Mat 221 & 335	10

and:	
His 212	5
¹ Soc 101	5
Choice of the following:	
Ant 101	
¹ Ecn 101	
¹ Ggy 101	
¹ Phy 101	
¹ Psy 101	
Pol 201	0-15
Pol 202	
<i>Mathematics</i>	
<i>Courses</i>	<i>Hours</i>
Mat 201, 202, 203, 204	20
² Fr 201 & 202; or	
² Ger 201 & 202; or	
*Rus 201 & 202	10
<i>Physics</i>	
<i>Courses</i>	<i>Hours</i>
Six of the following:	
Chm 101, 102, 103	
Mat 201, 202, 203, 204	
Pcs 211, 212, 213	
<i>Physics - Education</i>	
<i>Courses</i>	<i>Hours</i>
Six of the following:	
Chm 101, 102, 103	
Mat 201, 202, 203, 204	
Phy 211, 212, 213	
Bio 101	
Edu 204	30-33
<i>Political Science</i>	
(The Foreign Language requirement may be satisfied via the arrangement of courses in <i>Track A</i> or <i>Track B</i> .)	
<i>Track A Courses:</i>	<i>Hours</i>
Foreign Language 101, 102, 201, & 202, or	
Foreign Language 201, & 202, or	
Foreign Language 202 or 211	5-20

¹If not used to satisfy Area III or Area IV requirements becomes a graduation requirement for completion of the major with a Secondary Education minor.

²Mat 335 may be substituted for 5 hours.

*Not presently taught.

Choice of the following:

Pol 201	
Pol 202	
Soc 101	
His 211 or 212	
Ecn 101	
Psy 101	
Phy 101	25-10

Track B Courses:

Foreign Language 101 & 102, or	
Foreign Language 201 & 202, or	
Foreign Language 202 or 211	5-10
Mat 211 & 335	10

Choice of the following:

Pol 201	
Pol 202	
Soc 101	
Psy 101	
Phy 101	15-10

Psychology

Courses

Hours

Foreign Language (Fr, Ger, or Sp 101 & 102 and/or 201 & 202)	10-20
Psy 250	5

Choice of the following:

Ant 101 or 201	
Ecn 101, 102, 201	
Ggy 101	
Pol 201	
Psy 101	
Soc 101	5-15

Spanish

Courses

Hours

Spanish through 211	5-25 hrs
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Choose from the following courses to complete the 30-hour requirement in this area:

Art 121, 122, 123, 211, 212, 213, 225
Dra 225
Edu 204
Fr 101, 102, 201, 202, 211
Ger 101, 102, 201, 202, 211
His 115, 116
Jrl 101
Mus 101, 102, 103, 111, 112, 113

Mus 201, 202, 203, 211, 212, 213
 225
 Phy 101
 Spc 101

Sociology

<i>Courses</i>	<i>Hours</i>
Foreign Language 101 & 102 or Foreign Language 201 & 202, or 211	10
Psy 101	5
Soc 101	5
Choice of two of the following:	
Ant 101 or 201	
Ecn 101, 102, 201	
Ggy 101	
Pol 101 or 201	10

5. *Additional course requirement:* Credit for Hum 223 (Humanities III—The Modern World).
6. *Major Concentration:* Normally a minimum of 45 quarter hours. Grades below C are not accepted for a major concentration. At least one half of the major concentration must be completed in residence at Augusta College. Some departments (see departmental statements) require general education or cognate courses in addition to the core curriculum and major courses. Satisfactory completion of the major concentration is certified by the major department.
7. *Minor Concentration:* Normally a minimum of 25 quarter hours. (Excepting the Bachelor of Business Administration Degree). Grades below C are not accepted for a minor concentration. Satisfactory completion of the minor concentration is certified by the minor department.
8. *Senior Comprehensive Examination:* During the senior year, degree candidates may be required by their department to take a comprehensive examination. A department may use a nationally administered examination and require submission of the scores to the Registrar.
9. *Physical Education Requirements:* Each student is required to take 6 quarters of Physical Education during his Freshman and Sophomore years. One hour of academic credit will be given towards the Baccalaureate Degree for each of the six required courses of Physical Education and one hour of academic credit will be given towards the Associate Degree program for each of the three required courses of Physical Education.

- (1) Students who present a medical statement from their family physician may satisfy their Physical Education requirement by taking three two-hour courses in Sports Appreciation.
 - (2) Students *must* take at least one course in each of the following areas: Individual and dual activities; Team sports; and Aquatics.
 - (3) The maximum number of Physical Education hours that can be earned and counted in the grade point average is six.
 - (4) The Physical Education Department may waive the Physical Education requirement for a student who (1) is 25 years of age or older at the time he registers for his first quarter at Augusta College, (2) veterans of military service based on a minimum of one year of continuous active duty, (3) part-time students carrying less than 12 hours are not required to take Physical Education during that particular quarter, but would be required to take one quarter of Physical Education for each quarter during which they were full-time students.
10. *Associate in Arts Requirements:* A candidate for the degree of Associate in Arts must satisfy the College's matriculation requirements for the prescribed number of hours in the program with a quality point average of 2.0 (C).

ADVANCED PLACEMENT, EXEMPTIONS, AND WAIVER OF REQUIREMENTS

Augusta College provides for the advanced placement of superior freshman through a variety of national and local examinations. In all cases, advanced placement carries with it exemption from college requirements; in most cases, advanced placement also carries the award of advanced standing credit. The College allows a maximum of 45 quarter hours of advanced standing credit by examination.

In evaluating candidates for advanced placement or advanced standing credit the College may consider the high school record, scores on the College Entrance Examination Board's Aptitude Examinations, Achievement Tests, or Advanced Placement Program, or tests prepared and administered by academic departments within the College.

A student who seeks advanced placement or advanced standing credit under these provisions is urged to consult the Director of Admissions and the Chairman of the Department(s) concerned at the time of his application for admission to the College. He *must* consult the Director of Admissions and the Chairman of the Department(s) concerned before his initial enrollment in the College.

1. A student with a score of 600 or more on the CEEB's Scho-

lastic Aptitude Test (Verbal) and on the English Achievement Examination registers for English 111, and, upon satisfactory completion of English 111, receives advanced standing credit for English 101 with the qualitative grade earned in English 111, and is exempt from English 102.

A student with a score of 600 or more on the CEEB's Scholastic Aptitude Test (Verbal) and on the English Achievement Examination who also offers the CEEB's Advanced Placement Examination in English registers for Humanities 221 and receives advanced standing credit for English 101 and 102 with the following qualitative grade: Advanced Placement Grade 3—English 101-102 grade C; Advanced Placement Grade 4—English 101-102 grade B; Advanced Placement Grade 5—English 101-102 grade A.

2. Freshman students who have a combined score of 1200 or better on the CEEB-SATM and the CEEB Mathematics Level I Achievement Test and who have a 3.00 high school average may receive advanced standing credit in mathematics by choosing one of the options listed below. The appropriate degree program should determine a student's option.

- (1) Register for Mat 102 and, if the first grade earned for the course is C or better, receive 5 hours advanced standing credit for Mat 101.
- (2) Register for Mat 201 and, if the first grade earned for the course is C or better, receive 5 hours advanced standing credit for Mat 111.
- (3) Register for Mat 122 and, if the first grade earned for the course is C or better, receive 5 hours advanced standing credit for Mat 121.

3. The entering freshman who offers the CEEB (PBP 28) "Advanced Placement Examination: European History Sections I & II" is granted credit for History 115 and 116 with the following qualitative grades: APG (Advanced Placement Grade) 3—C; APG 4—B; APG 5—A.

4. The entering freshman who offers the CEEB (PBP 27) "Advanced Placement Examination: American History Sections I & II" is granted credit for History 211 and 212 with the following qualitative grades: APG 3—C; APG 4—B; APG 5—A.

5. All students receiving a degree from Augusta College are required to present credits in (1) the History of the United States, and (2) the History of Georgia unless such credits have been waived through the passing of exemption examinations in both areas. The History Department administers such tests and certifies whether this requirement has been met. For the history courses that fulfill the *Georgia Legislative requirements* see the Department (His) offerings.

6. All students receiving a degree from Augusta College are required to present credits in political science that adequately treat with (1) the Constitution of the United States, and/or (2) the Constitution of Georgia unless such credits have been waived through the passing of exemption examinations in both areas. The History Department administers such tests and certifies whether this requirement has been met. For the courses in political science that fulfill the *Georgia Legislative requirements* see the courses listed under Political Science (Pol).

Exemption tests in all four areas (1) United States History, (2) Georgia History, (3) Constitution of the United States, (4) Constitution of Georgia, are given twice a year at the following times and for the category of students indicated: (a) during the Fall Quarter registration period for *freshmen* and *transfer* students, and (b) during the Winter Quarter registration period for *transfer students who are seniors* anticipating graduation in June or August. *The Augusta College student who fails to pass the exemption examination must present credits in courses dealing with the area or areas failed. Exemption by examination in any one or all four areas does not satisfy Augusta College core curriculum, major, minor, or elective requirements.*

7. Certain course credit requirements may be waived in the area of Secretarial Science through the passing of proficiency tests in typewriting and/or shorthand. The Department of Business Administration conducts the tests and certifies to the competence level.

8. Students with advanced training in Chemistry may exempt certain Chemistry courses by special examinations. A satisfactory grade on such examinations will enable the student to receive credit hours compatible with the exam upon satisfactory completion of the next higher numbered Chemistry course. Those students who think they may be prepared for these examinations are urged to contact the Head of the Chemistry Department for further information.

SUBSTITUTION OF COURSES

Each student is responsible for following the requirements of his selected program as specified in the catalog and in accordance with the regulations of the catalog. Variations in course requirements are permitted only upon petition and the written approval of the Dean of the College. Variations from course requirements are approved only under exceptional circumstances and only in cases where courses of the same academic value and type can be substituted.

APPLICATION FOR DEGREE

A degree candidate must file with the Registrar an application

for Graduation *no later than the mid-term date of the quarter preceding the final quarter of course work.*

Degrees are conferred formally at the close of the spring quarter (in June) and at the close of the summer quarter (in August). Students who complete all requirements for the degree by the end of the fall or winter quarters receive degrees in June. Unless excused in writing by the President or the Dean, degree candidates must attend graduation exercises.

A degree candidate is subject to degree requirements in effect at the time of his admission. However, a student who is not enrolled for two or more consecutive years must satisfy requirements in effect at the time of his re-admission.

A student returning to Augusta College, after having transferred to another institution for two or more quarters, must comply with degree requirements in effect at time of re-admission.

GRADUATION WITH HONORS

A degree with honors will be awarded to those candidates selected by the faculty who are in the upper ten per cent of the graduating class. It is required that students in this category complete at least half of their courses in residence, and that their over-all average be no less than 3.50. In addition, their average for work done in residence must be at least 3.50.

ADDITIONAL BACCALAUREATE DEGREE

A student holding a baccalaureate degree from an accredited college or university who wishes to work for another degree must complete the minimum residence requirements of the College (45 quarter hours of course work in courses numbered 300 or above with an average grade of "C" or better). In addition he must complete the exact requirements of major courses, allied fields or minor, mathematics, and foreign languages. Special advisement from the office of the Dean should be sought by such persons.

ACADEMIC PROGRAMS

LIBRARY

At the center of the academic program is the library. The college library is housed in an air-conditioned building. The facilities of the library include seating for five hundred readers, listening and microfilm facilities, an exhibit area, lounge areas, study rooms, individual study carrels, general reading, reference and special collection areas.

The library contains approximately 98,000 volumes and receives 2,500 current serials. In addition to these, there are pamphlets, microfilms, microfiche, and other resources.

The library also serves as a depository for publications of the United States government and receives many of the publications issued by the state government of Georgia.

The collection is classified according to the Library of Congress classification scheme and all materials with the exception of reserve books and special collections are on open shelves. A library handbook giving an introduction to the library and its use is available to each student.

The library is open from 7:45 a.m. to 11:00 p.m. on Monday and Thursday; from 7:45 a.m. to 10:00 p.m. on Tuesday and Wednesday; from 7:45 a.m. to 5:00 p.m. on Friday; from 9:30 a.m. to 5:00 p.m. on Saturday, and from 2:00 p.m. to 10:00 p.m. on Sunday. These hours are in effect when classes are in session. Variations in the hours of opening are posted on the front door of the library.

READING IMPROVEMENT PROGRAM

All students may voluntarily select the college Reading Improvement Program that is directed toward over-all improvement of the reading process. To stimulate and direct participants to make gains in more effective and efficient reading, emphasis includes experiences to acquire varied techniques, to develop good habits and methods of study; to broaden reading interests and to improve both rate and comprehension; or, broadly speaking, to accelerate the total reading achievement. Enrollment charges are given in the Business Regulations and Expenses section of this catalog.

EVENING PROGRAM

The Evening Program exists to provide quality programs of study on the college level for people unable to leave their employment for further education. This objective is met through both credit and non-credit classes. All courses and programs of study offered for day students are available to evening students.

SPECIAL PROGRAMS

Augusta College offers special courses and programs, both credit and non-credit, for men and women seeking further knowledge and advancement.

Information and materials on such programs, seminars, courses and workshops may be obtained from the Director of Extended Services.

FORT GORDON RESIDENT CENTER

Augusta College has been authorized to offer college level courses at Fort Gordon Educational Center. Resident credits are given for courses taken on post. Identical admission standards and academic regulations apply to students on the main campus and those on post.

Persons interested in this program should contact either the Admission's Office, Augusta College, or the Resident Center Office at Fort Gordon.

PRE-PROFESSIONAL PROGRAMS

Students interested in furthering their education in professional schools or in graduate studies should obtain advice from the various major areas involved. Suggestions for obtaining such academic advising are made in the following descriptions of pre-professional areas and graduate work.

Pre-Engineering

A pre-engineering program, including most of the required courses for freshman and sophomores at colleges of engineering, is offered.

Pre-engineering students should take the following technical courses:

Chm 101-102	General Chemistry	10
Chm 103	Introduction to Analytical Chemistry	5
Drw 113-114-115	Engineering Graphics	6
Mat 111	Precalculus Mathematics	5
Mat 201-202	Calculus and Analytic Geometry I-II	10
203-204	Calculus & Analytic Geometry III-IV	10
Mat 302	Differential Equations	5
Pcs 211-212-213	Physics	18

Students consult their academic advisor in selecting electives. Students who plan to graduate within the Georgia University System elect courses to complete areas I and III of the system core.

Pre-Law

Faculty instructing in political science will advise students interested in studying law, providing information on pre-law training, law schools' admissions policies, examinations and other pertinent material.

Pre-Medical

Because of Augusta College's proximity to the Medical College of Georgia and a close working relationship with the Medical College, students can easily obtain advice from faculty and staff of the Medical College about admissions requirements, curricula and other matters.

Students are advised to contact first a member of the Biology Department or the Chemistry Department of Augusta College for preliminary advice on preparing for medical training.

Para-Medical Studies

For information and advising in nursing, medical technology, physical therapy and other para-medical areas, students should see a member of the Biology Department.

Pre-Pharmacy

Those students interested in or planning to study pharmacy are advised to obtain information from a member of the Biology Department.

Pre-Veterinary Medicine

Students interested in studying veterinary medicine are advised to consult with a member of the Biology Department who can advise on courses and credit requirements.

Graduate Schools

Those students who plan to continue study beyond the bachelor's degree should consult regularly with advisors in their major fields on requirements of various graduate schools and their programs.

Baccalaureate Degree in Nursing

Augusta College cooperates with the Medical College of Georgia in the offering of the program in nursing which leads to the Bachelor of Science in Nursing degree. Students enroll for this program at the Medical College of Georgia. They may contact the Registrar at the Medical College of Georgia for application forms and general information.

Pre-Dental

Students seeking admission to the Dentistry Program at the Medical College of Georgia can obtain all preliminary work at Augusta College. Students should consult with the chairman of the Biology or Chemistry Departments for specific details of this program.

Dental Hygiene

Students interested in entering a Dental Hygiene Program at the Medical College can obtain their preliminary work at Augusta College. This includes completion of the Augusta College core curriculum. The chairman of the Biology or Chemistry Department can provide further information to students interested in this program.

Careers in Law Enforcement

Under provisions of the *Omnibus Crime Control and Safe Streets Act of 1968*, Augusta College has been authorized by the Department of Justice to encourage and financially assist persons who wish

to continue careers in police administration, law enforcement, correction, rehabilitation, probation, and allied fields.

Several baccalaureate degrees and the Associate Degree in Criminal Justice, as well as many individual courses, are acceptable under this program.

Financial assistance is in the form of tuition grants to students already in law enforcement and in loans to students planning careers in law enforcement.

Those persons interested in this program should contact the Director of Extended Services.

Pre-Forestry and other Preliminary Programs

In general, all preliminary programs can be taken at Augusta College. This includes such programs as pre-forestry where the student completes the Augusta College core curriculum and then transfers to the particular school offering the major program of study.

Pre-Optometry Studies

The requirements for admission to the schools and colleges of optometry are not identical. Typically, the requirements include courses in English, mathematics, physics, chemistry, and biology or zoology. Some schools and colleges have varied requirements in psychology, the social sciences, literature, philosophy, and foreign languages.

The pre-optometry requirements represent a minimum of two academic years of study, all of which may be taken on this campus.

For specific information on optometry as a career, and for assistance in planning a course of study in pre-optometry, make inquiry at the Office of Admissions.



Courses of Study

CURRICULA

For graduation with the degree of Bachelor of Arts, Bachelor of Science, Bachelor of Science in Education, Bachelor of Business Administration or Associate Degree in Nursing, the requirements listed in the following pages must be completed in accordance with the academic regulations stated in this catalog.

A student is advised to consult with his academic advisor regularly on choice of major, selection of courses, and other academic matters.

For graduation a minimum of 180 quarter hours must be earned exclusive of credit earned in Physical Education 100-200 courses.

Candidates for all degrees, after completion of the required minimum number of quarter hours and attainment of grades according to Augusta College and University System of Georgia regulations, are recommended by the faculty for degrees in their particular areas.

SELECTION OF MAJORS AND MINORS

Majors may be selected in elementary education, English, French, history, music, political science, psychology, Spanish, and sociology for the Bachelor of Arts degree.

Majors may be selected in biology, chemistry, mathematics and physics for the Bachelor of Science degree. A major in special education leads to the Bachelor of Science in Education degree.

The Bachelor of Business Administration degree requires basic study in the arts and sciences and courses in accounting, economics, finance, management and related areas.

Minor concentration may be chosen from anthropology, art, biology, business administration, chemistry, economics, education, English, French, history, mathematics, music, physics, political science, psychology, sociology, social service administration or Spanish. Once the minor field is selected the student should seek academic advisement for this concentration within the department in which he is minoring.

Teacher certification other than elementary education and special education may be obtained by minoring in education and majoring in a selected field of study.

BACHELOR OF ARTS

For the Bachelor of Arts degree with a major in elementary education, English, French, history, music, psychology, Spanish or

sociology, the following programs will be followed except where noted. See page 85 for majors in elementary education.

A minimum of 45 quarter hours must be taken with no grade below a "C" in a major field of study. A minimum of 25 quarter hours is required for a minor field of study in most sequences.

Major in English

The Department of English provides instruction for all students through the English composition sequence (English 101-102) and through the humanities sequence (Humanities 221-222-223). For students electing a major or minor in English the department offers a variety of upperdivision courses in composition, language, and literature.

Requirements for a major in English. In addition to the College's general requirements for graduation, the department requires a major to complete with a grade of C or better a minimum of six courses in the 300 series, and a minimum of three courses in the 400 series, unless otherwise advised by the department. Proficiency in a foreign language through the 202 level is required.

Requirements for a minor in English. The department requires minors to complete with a grade of C or better a minimum of five courses in the 300 and 400 series. The department recommends a distribution of four courses in the 300 series and one course in the 400 series.

Admission to a major or minor in English. A student who plans to major or minor in English must file application at the departmental office during the quarter in which he is enrolled in Humanities 223.

The department cannot assume responsibility for certifying to the College satisfactory completion of the major or minor requirements for a student who has not been formally accepted.

Major in History

The Department of History, Political Science and Philosophy offers several major and minor programs.¹ All courses submitted for credit in major or minor concentrations must carry a grade of C or better. Selection of courses and the sequence in which they are taken is to be made in consultation with the designated academic advisors in the Department.

History majors have a tracking option in meeting Area II core requirements:

¹See p. 59 for major and minor requirements in Political Science, and p. 61 for minor in Philosophy.

<i>Track A:</i>	<i>Hours</i>
Mat 101 & 102, or Mat 111	10
Science Option (in one field)	10
<i>Track B:</i>	<i>Hours</i>
Mat 101, or Mat 111	5-10
Science Option (10 hours in one field plus 5 additional hours)	15

Requirements for a major: Completion of the core program for a Bachelor of Arts listed under Graduation Requirements; acceptable credits in History 115, 116, 211, and 212, or their equivalents; forty-five (45) hours from the offerings on the 300 and 400 level. Concentration of more than three (3) courses in any field of history on the upper division level is discouraged.

In addition to meeting the minimum language requirements (Area IV, Core Program), the student contemplating study beyond the baccalaureate is encouraged to complete through the intermediate level in a second foreign language.

Requirements for a History major with a minor in Secondary Education: (Prospective teacher): Completion of the core program for a Bachelor of Arts listed on page 37; completion of the non-history required courses for the Junior and Senior years; completion of forty-five (45) hours from the Departmental offerings on the 300 or 400 level. Work in History is to be distributed in the following manner: Two (2) courses from each of the following four fields: (1) Europe, (2) Far East, (3) Latin America, (4) United States, plus the History of Georgia.

Requirements for the standard minor in History: Twenty-five hours chosen from the 300 and 400 level offerings. Concentration of more than two (2) courses in any given field of History is discouraged.

Requirements for a History minor with a major in Elementary Education: Prerequisites His 115, 116; His 211, 212; and fifteen hours to be selected from His 337, 382, 392, 418, 477, or 479.

Requirements for a Social Science minor with a major in Elementary Education: Prerequisites His 115, 116; His 211, 212; Phy 101; Psy 341 or 373, and one five (5) hour course in Sociology numbered above 199.

Major in Modern Languages (French and Spanish)

The Department of Modern Languages provides instruction in three languages—French, German, and Spanish—at the elementary and intermediate levels. The Department also offers advanced courses in

language and literature leading to the Bachelor of Arts degree with a major or minor concentration in French or Spanish.

Requirements for a major in French

In addition to the College's general graduation requirements, the Department requires a major to complete with a grade of C or higher a minimum of 45 quarter hours of French above the intermediate level (Fr 202). The usual sequence of courses will include: French 211, 301, 302, 305 and five courses chosen from the 400 series. The latter group may include Fr 491-492-493—Study Abroad with the University System of Georgia Study Abroad Program. French 456 and 481 are graduation requirements for French majors who are minoring in Secondary Education (Prospective Teacher program).

Requirements for a minor in French

Students wishing to minor in French are required to complete with a grade of C or higher a minimum of twenty-five quarter hours of work beyond the intermediate level (Fr 202). The usual sequence of courses will include: Fr 211, 301, 302, 305, and one course chosen from the 400 series (excepting Fr 456, which carries only 3 quarter hours of credit). Study Abroad (Fr 491-492-493) may be substituted for any three of the required courses.

Requirements for a major in Spanish

In addition to the College's general graduation requirements, the Department requires a major to complete with a grade of C or higher a minimum of 45 quarter hours of Spanish above the intermediate level (Sp 202). The usual sequence of courses will include: Sp 211, 301, 302, 305 and five additional courses chosen from the 300 and/or 400 series. The latter group may include Sp 491-492-493—Study Abroad with the University System of Georgia Study Abroad Program. Spanish 456 and 481 are graduation requirements for Spanish majors who are minoring in Secondary Education (Prospective Teacher program).

Requirements for a minor in Spanish

Students wishing to minor in Spanish are required to complete with a grade of C or higher a minimum of twenty-five quarter hours of work beyond the intermediate level (Sp 202). The usual sequence of courses will include: Sp 211, 301, 302, 305, and one course chosen from the 300 and/or 400 series (excepting Sp 456, which carries only 3 quarter hours of credit). Study Abroad (Sp 491-492-493) may be substituted for three of the required courses.

Major in Music

The purpose of the Department of Fine Arts is to provide the necessary training and experience in preparation for advanced studies

or professional careers in the performing and teaching arts. Opportunities for self-expression for those not electing to follow a Fine Arts major are available. In addition, the department provides the leadership to help in the formation of standards of taste, appreciation, and insights into art and music through the Humanities program.

The department has established the Schola Cantorum open to Music students for study of choral and other repertoire through performance. The department also provides creative and performing opportunities for all qualified students by sponsoring student activity groups such as the Augusta College Choir, Augusta College Theatre, and the Augusta College Art Club.

For the selection of areas of concentration in any phase of the Fine Arts program, students are advised to consult with the chairman of the department.

In addition to the course requirements, the following departmental requirements must also be completed for the Bachelor of Arts degree in music:

1. Attendance at departmental required recitals for full credit in applied music.
2. Recital performance during the Junior year of 1/2 a standard recital program, and during the Senior year of a full recital program.
3. A basic knowledge of piano as demonstrated by a proficiency examination covering the following material:
 - a. vocalists and non-keyboard instrumentalists:
Major and minor scales, 2 hands, 2 octaves, 8th notes, with metronome setting of 120 to the quarter note.
Bach 2 pt. Invention. First movement of any selected Sonatina by Clementi, Kuhlau, Mozart, Haydn, or equal
 - b. organists:
equal to completion of Applied Music 203 (piano)

NOTE: Preparatory Piano should be included in the candidate's curriculum until such examination is passed.

4. Entering Freshmen and Transfer students will be given a Placement Audition for credit in their Applied Major. Applied music (non-credit) may be taken without audition.
5. Satisfactory completion of Music 111-112-113, 211-212-213, 313-314-315, 321, 322, 323, 414, 415, 421, 422, 423; and 12 quarter hours of applied music (not including any preparatory course). Courses in Applied Music may be repeated for credit.
6. Participation in Schola Cantorum, and/or other approved ensembles as recommended by department chairman or advisor.

<i>Freshman and Sophomore Years</i>		<i>Quarter Hours</i>
Eng 101-102	College Composition	10
Hum 221-222-223	Humanities	15
Mat 101-102 or	Freshman Mathematics I, II	
Mat 121-122	Finite Mathematics I, II	5-10
Science Option	Physics, Physical Science, Chemis- try, or Biology	10-15
His 211 or 212	American History I or II	5
Pol 101	American Government	5
Psy 101	Principles of Psychology	5
or		
Soc 101	Introductory Sociology	5
Mus 111-112-113	Elementary Theory	15
Mus 211-212-213	Intermediate Theory	15
Mus 101-102-103	Applied Music	3
Mus 201-202-203	Applied Music	3
	Ensemble	0
PEd	Physical Education and Health ...	6
TOTAL		102

Junior and Senior Years

Language Proficiency (through 202)	French, German, or Spanish	10-20
Mus 301-302-303	Applied Music	3
Mus 313-314-315	Advanced Theory	15
Mus 401-402-403	Applied Music	3
Mus 414-415	Form and Analysis	4
Mus 321-322-323	History of Music	6
Mus 421-422-423	Masterworks of Music	9
Minor Concentration		25
*Electives		0-10
Ensembles		0
TOTAL		76-86

Students selecting music as a minor concentration must complete

*Music Education requirements may be met by using Elective and Minor concentration hours for appropriate Education, Methods, and Practice Teaching courses. 30-35 quarter hours must be spent in "Educational Sequence Courses" (see Teacher Education).

Music 111-112-113, Music 321-322-323, Music 421-422-423, and 6 quarter hours of applied music.

Requirements for a minor in Art: Completion of four art courses (20 hours) from the 200 level or above offerings. At least half of these should be studio art. Prerequisite: Art 121, 122, 123.

Major in Political Science

A major and a minor in Political Science are both offered within the framework of the History, Political Science, and Philosophy Department. All courses submitted for credit in the major or minor must carry a grade of C or better. Political Science majors are encouraged, insofar as it is feasible, to have a minor in History, Sociology, or Philosophy. When the Georgia State Department of Education announces teacher certification in Political Science, the minor in Secondary Education will be included. Selection of courses and the sequence in which they are taken should be made in consultation with the designated academic advisors in the Department.

The objectives of the Political Science program will be focused on the study of politics, governments, governmental systems, and the making of public policy. The B.A. degree is offered to better prepare the citizen to exercise political responsibilities, and to ground the student for subsequent functioning in the public political system. The major is also structured to prepare the student for post-graduate study in (a) political science, (b) professional schools of law, journalism, international relations, and public administration, and (c) for post-graduate work leading to specialized careers in research and teaching.

Political Science majors have a tracking option in meeting Area II core requirements:

<i>Track A:</i>	<i>Hours</i>
Mat 101 & 102, or Mat 111	10
Science Option (in one field)	10
<i>Track B:</i>	<i>Hours</i>
Mat 101 or Mat 111	5-10
Science Option (10 hours in one field plus 5 additional hours)	15

Requirements for a major: Completion of the core program for a Bachelor of Arts listed under Graduation Requirements; acceptable credits in Political Science 101, 201, and 202, or their equivalents, plus forty-five (45) additional hours from the 300 and 400 level courses.

Requirements for a minor in Political Science: Pol. 101 or 201,

and 202 plus twenty (20) hours chosen from Pol 301, 310, 311, 401, 402, 411, 431, 450.

Major in Psychology

Psychology is the scientific study of behavior and experience. The psychology department has a threefold function. First, to serve the general academic needs of all students at the college by making available a variety of elective courses and ancillary courses to other academic disciplines. Second, to transmit general psychological knowledge to those many students who may wish to major in psychology but who do not intend to become professional psychologists. Third, to give solid technical training to those undergraduate students who wish to go on to advanced professional degrees.

	<i>Quarter Hours</i>
<i>Freshman and Sophomore Years</i>	
Students will meet core curriculum requirements as outlined on page 37, in consultation with Departmental advisors.	
TOTAL	90

Junior and Senior Years

Select minimum of nine (9) upper division courses in Psychology in consultation with major adviser, including Psychology 405	45
Minor Concentration	25
Electives	20
TOTAL	90

Students selecting Psychology as a minor concentration are required to complete Psychology 101 and five (5) other courses in Psychology.

Major in Sociology

The major purposes of the sociology department are to orient students to the structure and functioning of the society in which they live; to develop further their appreciation of, and respect for, diverse groups within their culture and in other cultures; to stimulate constructive analysis of current trends in group activities; and to encourage further research in man's patterns of behavior.

A minimum grade of C is required in the introductory course for all students majoring or minoring in anthropology, sociology, or social service.

Freshman and Sophomore Years

*Quarter
Hours*

Students will meet core curriculum requirements as outlined on page 37, in consultation with Departmental advisors.

TOTAL ----- 90

Junior and Senior Years

Select minimum of nine advanced Sociology courses, including Soc. 422 & 434 -----	45
Minor Concentration -----	25
Humanities 223 and Sociology 202 -----	10
Electives -----	10
TOTAL -----	90

Students selecting Sociology or Anthropology as a minor concentration are required to complete 101 and five (5) advanced courses.

The Sociology Department sponsors a minor concentration in Social Service Administration. This curriculum provides preparation for: students who will be employed in social service careers; students who will be enrolled in graduate schools of social work; those persons already employed in social service to improve their skills; and supplemental study for persons involved in related areas of ministry, law, nursing, psychology, social administration, corrections, public recreation programs, and health services administration.

Students selecting Social Service Administration as a minor concentration are required to complete SSA 111, Introduction to Social Service, and five other courses in Social Service Administration.

It is the responsibility of the student to initiate and maintain contact with his major advisor to insure supervision of the proper selection and sequence of courses.

Minor in Philosophy

A minor in Philosophy is offered within the framework of the History, Political Science, and Philosophy Department. All courses submitted for the minor must carry a grade of C or better. Philosophy minors are encouraged to complete Phy 101 during their freshman year. Selection of other courses and the sequence in which they are taken should be made in consultation with the designated academic advisor in the Department.

BACHELOR OF SCIENCE

For the Bachelor of Science degree in biology, chemistry, mathematics, or physics, the following programs will be followed.

Students are advised to consult with faculty advisers in these major areas for requirements for the B.S. degree.

A minimum of 45 quarter hours of advanced study must be taken in the major field of study with no grade in the major below a "C". Normally a minimum of 25 quarter hours must be taken in the minor field of study.

Major in Biology

The Department of Biological Sciences offers courses leading to a major or a minor in Biology. Students wishing to major in Biology are required to take the following: Biology 101 and 102, or 103; 15 credits chosen from Bio. 201, 202, 221, and 222; Biology 301, 302, 304, 498 and 15 or 20 additional credits elected by the student from other Biology courses numbered 300 or higher and approved by the department advisor. Student may elect to concentrate in Zoology, or Botany, or split his interests. A minor in Chemistry is strongly recommended for pre-medical and pre-dental students and those who aspire to undertake graduate studies in Biology or related fields.

		<i>Quarter Hours</i>
<i>Freshman and Sophomore Years</i>		
Eng. 101-102 or 111	College Composition I, II, or Freshman English	10
Hum 221-222-223	Humanities	15
Mat 111	Precalculus Mathematics	5
Mat 201 or 221	Calculus and Analytic Geometry I Elementary Statistics	5
Bio 101 and 102, or 103	Principles of Biology	5-10
Chm 101-102-103	General Chemistry	15
Select three of the following:		
Bio 201-202-221-222	.....	15
Minor Concentration	.....	15
PEd	Physical Education and Health	6
TOTAL		91-96

Junior and Senior Years

Bio 301	Cell and Molecular Biology	5
Bio 302	Genetics and Development	5
Bio 304	Ecology	5

Bio 498	Seminar	2
Bio Electives (Senior Division)		15-20
Pcs 201-202-203	General Physics	15
Minor Concentration		10
Language	French, German <i>or</i> Spanish	10
Pol 101	American Government	5
His 211 or 212	American History I or II	5
Soc Electives		10
TOTAL		87-92

A minor in Biology will consist of 25 credit hours above the freshman level and must be arranged in consultation with the student's major department and the Biology department in order to correlate with the major interest.

Major in Chemistry

Professional Major in Chemistry

Required Chemistry courses are: CHM 101, 102, 103, 281, 341, 342, 344 or 442, 372, 373, 374, 421, 441, and 481. In some cases, changes may be approved by the Head of the Department. Majors should see their advisors each quarter for counselling to ensure correct schedules, and must participate in CHM 495-Seminar (one hour credit) during all three quarters of their senior year.

Non-Professional Major in Chemistry

Required Chemistry courses are: CHM 101, 102, 103, 281, 341, 342, 344, 442, 372, 373, 374, and five quarter hours from any of the 400 level Chemistry courses. In some cases, changes may be approved by the Head of the Department. Majors should see their advisors each quarter for counselling to ensure correct schedules. This program is designed primarily for pre-medical and pre-dental students, and for students desiring to do graduate work in biochemistry. Majors must participate in CHM 495-Seminar (one hour credit) during all three quarters of their senior year.

Minor in Chemistry

Required Chemistry courses are: CHM 101, 102, 103, 281, 341, 342, 371. In some cases, changes may be approved by the Head of the Department. Chemistry minors must have their proposed course-work approved by the Head of the Chemistry Department as soon as the minor is declared.

Major in Mathematics

Students selecting Mathematics as their field of concentration

must take a minimum of 55 quarter hours of Mathematics including the Analytic Geometry and Calculus sequence, Mathematics 201-202-203-204. The remaining courses must have course numbers above 300. No mathematics course may count on their major program if the grade is less than "C". Students are expected to have a competency in a foreign language equivalent to the intermediate courses offered at the College.

		<i>Quarter Hours</i>
<i>Freshman and Sophomore Years</i>		
Eng 101-102	College Composition	10
Hum 221-222-223	Humanities	15
Mat 111	Precalculus Mathematics	5
Mat 201-202		
203-204	Calculus and Analytic Geometry....	20
Mat 302	Differential Equations	5
Lab Sci Option	Physics, Chemistry, Biology (Three courses in one field)	15-18
Pol 101	American Government	5
His 211 or 212	American History I-II	5
Soc Sci Option	Anthropology, Economics, History, Psychology, Political Science, Sociology, Philosophy	10
PEd	Physical Education and Health	6
TOTAL		96-99

		<i>Quarter Hours</i>
<i>Junior and Senior Years</i>		
Mat 321-322	Modern Abstract Algebra I-II	10
Select four approved	courses from the following:	20
Mat 331	Theory of Numbers	
Mat 341	History of Mathematics	
Mat 381	Linear Algebra I	
Mat 382	Linear Algebra II	
Mat 401	Mathematical Analysis I	
Mat 402	Mathematical Analysis II	
Mat 403	Mathematical Analysis III	
Mat 451	Complex Variables	
Mat 481	General Topology	
Mat 495	Selected Topics	
Mat 499	Undergraduate Research	
Language Option	French, German, or Russian	10-20

	(Mat 335 may be substituted for 5 hrs.)	
Lab Sci Option	Physics, Chemistry, Biology	10-12
	(Two courses in one field)	
Minor Concentration		25
Electives		15- 5
TOTAL		90-92

A minor in mathematics will consist of 25 credit hours and must include Mat 201 and Mat 202. The remaining courses should be arranged in consultation with the student's major department and the chairman of the mathematics department.

Major in Physics

The physics and earth sciences department has a threefold function. First, to provide for the non-technical students courses in physical science, physical geography and introductory physics which will satisfy the college core science requirements. Second, to provide the more mathematically-oriented physics courses for students in the pre-engineering program, or for students majoring in mathematics and chemistry. Third, to provide a strong physics program for those students who desire to become professional physicists or teachers of physics.

A minor in Physics will consist of 27 credit hours. A grade of C or better must be earned in each of the courses. The chairman of the physics department must approve the selection of physics courses.

		<i>Quarter Hours</i>
<i>Freshman and Sophomore Years</i>		
Eng 101-102	College Composition	10
Mat 111	Precalculus Mathematics	5
Mat 201-202	Calculus & Analytic Geometry I-II	10
203-204	Calculus & Analytic Geometry III-IV	10
Chm 101-102	General Chemistry I and II	10
Pcs 211	Mechanics	6
Pcs 212	Electricity	6
Pcs 213	Heat, Sound, and Light	6
Drw 113-114	Engineering Graphics I and II	4
Hum 221-222-223	Humanities	15
His 211 or 212	American History I or II	5
Pol 101	American Government I	5
*Electives		10
PEd		6
TOTAL		108

*Electives are to be selected in order to satisfy Area III of the Core Curriculum.

<i>Junior and Senior Years</i>		<i>Quarter Hours</i>
Pcs 301-302	Electronics I and II	10
Pcs 304	Advanced Optics	5
Pcs 310	Numerical Solutions to Physics Problems	2
Pcs 321-322-323	Classical Mechanics I-II-III	9
Pcs 401-402-403	Electricity & Magnetism I-II-III....	9
Pcs 441-442-443 444-445	Modern Physics	17
Mat 302	Differential Equations	5
Phy 101	Introduction to Philosophy	5
Electives	.....	13
Electives	(Not to include Pcs, Mat)	15
TOTAL		90

BACHELOR OF BUSINESS ADMINISTRATION

The objectives of the Business Administration Department are to fulfill its obligations to the students through emphasis on general culture, effective citizenship, and professional competence. The Department seeks to provide the foundation for competent, responsible participation in business, the professions, and government; to develop an attitude of scientific inquiry, the ability to solve problems intelligently, and an awareness of cultural and economic changes as they impinge on modern society; to develop skills in making business decisions; and to encourage further intellectual inquiry.

Students who pursue the Bachelor of Business Administration degree may follow an accounting, economics, finance, management, or executive secretarial emphasis. Since this is a diversified program, no minor concentration is required. The major concentration is made up of 60 quarter hours, the Junior Core Curriculum and 25 hours in an emphasis described below.

The accounting emphasis, intertwined with the liberal program of the first three academic years, provides a student with the preparation for both industrial and public accounting. The economics emphasis provides an understanding of our economy and its relation to the world situation with applied and theoretical economic study. The finance emphasis prepares one for positions in banking and other financial institutions and also in the management of business finance and investments. The management emphasis is designed to acquaint the student with the executive's role in decision making. Emphasis

is given to problem-solving and case studies along with the application of business research.

The executive secretarial emphasis is offered to students wishing to prepare themselves specifically for executive secretarial or other highly responsible personal secretarial positions. A compact sequence of basic secretarial skills courses is also offered to students with non-business majors. A nation-wide demand exists for college graduates with a broad liberal arts background plus basic secretarial skills.

A minor concentration in Business Administration is available to students pursuing the A.B. or B.S. degree.

A program of teacher education is also offered to students seeking certification for business education in the secondary schools of Georgia.

		<i>Quarter Hours</i>
<i>Freshman and Sophomore Years</i>		
Bus 211-212	Principles of Accounting	10
Eng 101-102 or 111	College Composition	10
Eng 301	Technical and Business Writing	5
Ecn 101-102	Principles of Economics	10
Ecn 103	Economic Problems	5
Ecn 201	Economic Development of the U. S.	5
His 211 or 212	American History I or II	5
Hum 221-222-223	Humanities	15
Mat 121-122	Finite Mathematics	10
Pol 101	American Government	5
Psy 101 or	Principles of Psychology or	
Soc 101	Introduction to Sociology	5
Select ten quarter hours in one of the following:		
	Biology, Chemistry, Physics or	
	Physical Science	10
PEd	Physical Education and Health	6
TOTAL		101

		<i>Quarter Hours</i>
<i>Junior and Senior Years</i>		
*Electives		20
Junior Core Curriculum		
Ecn 305	Money and Banking	5
Ecn 311	Labor and Industrial Relations	5
Ecn 315	Business Finance	5

*The Student in the Executive Secretarial concentration may have as few as 10 elective hours.

Ecn 322	Managerial Economics	5
Bus 301	Business Law I	5
Bus 353	Principles of Marketing	5
Bus 363	Principles of Management	5
Mat 221	Elementary Statistics	5
		40
Major emphasis (Select one of the following groups)		
Accounting:		
Bus 311-312	Accounting Theory	10
Select any three of the following:		
Bus 411	Cost Accounting	
Bus 421	Advanced Accounting I	
Bus 422	Advanced Accounting II	
Bus 451	Federal Income Taxation	
Bus 471	Auditing	
Bus 481	Governmental and Institutional Accounting	15
		25
Economics:		
Ecn 451-452	Economic Theory	10
Select any three of the following:		
Ecn 425	Theory of Money and Financial Institutions	
Ecn 431	International Economics	
Ecn 440	Government and Business	
Ecn 461	Evolution of Economic Thought	
Ecn 471	Public Finance	
Ecn 495	Selected Topics in Contemporary Economic Theory and Policy	15
		25
Finance:		
Ecn 421	Investments and Market Analysis ..	5
Ecn 425	Theory of Money and Financial Institutions	5
Ecn 471	Public Finance	5
Select any two of the following:		
Ecn 431	International Economics	
Ecn 452	Economic Theory II	
Bus 464	Case Problems in Management	
Bus 311	Accounting Theory I	10
		25

Management:

Bus 424	Production Management	5
Bus 434	Personnel Administration	5
Bus 464	Case Problems in Management	5
Select any two of the following:		
Bus 410	Marketing Management	
Bus 411	Cost Accounting	
Ecn 421	Investments and Market Analysis	
Ecn 451	Economic Theory I	10
		25

Executive Secretarial:

*SSc 101-102-103	Typewriting	6
*SSc 331-332-333	Shorthand	9
SSc 325	Secretarial Practice	5
SSc 425	Supervised Office Experience	5
SSc 431	Advanced Dictation & Transcription	5
SSc 435	Business Machines	5
		35
TOTAL		85

TEACHER EDUCATION

Teacher Education at Augusta College is a college-wide responsibility and function. Although the Department of Education coordinates the total program, students will combine work in the Department of Education with work in the various college departments depending upon their major and minor interests.

The standard certificate for teaching in the State of Georgia is based on the Bachelor's degree including or supplemented by minimum professional requirements. This is referred to as the Teacher's Professional Four-year (T-4) Certificate.

To qualify for this credential one must have completed an approved four-year curriculum designed for a specific teaching field and be recommended by the college in which the training is completed. Students who desire to teach should begin to plan in the freshman year to complete a specific program to satisfy all requirements.

Teacher education programs at Augusta College consist of a carefully planned sequence of studies in general education, a specific teaching field area, and professional education. A student should

*NOTE: SSc 101, 102, 103, 331 may be waived as course requirements upon taking an examination demonstrating mastery of these skills. In such event, the elective hours will be increased by the number of hours of course requirements waived.

seek the advice of his assigned adviser in planning and completing his individual program. The student is additionally encouraged to participate in the activities of the club of his major field and the Student National Education Association at Augusta College.

Planned teacher education programs at Augusta College leading to the bachelor's degree are available in the following areas: Elementary Education, Special Education, and the Secondary teaching fields of biology, business, chemistry, English, French, mathematics, music, history, physics, and Spanish.

The Bachelor of Arts degree is awarded in elementary education.

The Bachelor of Arts degree is awarded in the secondary teaching fields of English, French, music, history (Social Studies), and Spanish. The Bachelor of Science degree is awarded in biology, chemistry, mathematics, and physics. The Bachelor of Business Administration degree is awarded those planning to teach business courses. A major in special education leads to the Bachelor of Science in Education degree.

Students who wish to qualify for the Teacher's Professional Four-year (T-4) Certificate must submit a formal application for admission to the Teacher Education Program during their sophomore year. The Department of Education determines the fitness of the applicant for entering the program. Students who have been accepted for the program must submit an application for student teaching during the Fall Quarter of their junior year.

Students are expected to complete a "September Experience" of two weeks in a public school during late August or early September prior to Student Teaching. This experience is designed to familiarize the student with teaching problems associated with the opening of school.

Graduating seniors are required to take the National Teacher Examinations—Commons and Teaching-Field tests—during the latter part of their senior year and to have results filed with Augusta College. This examination is required for employment in some school systems and is usually considered for admission to Graduate School. It is also required for In-Service Teacher Grants-in-aid by the Georgia State Department of Education.

French and Spanish majors who minor in Secondary Education are required to take the Modern Language Association Proficiency Examination in addition to the National Teachers Examination.

Renewal and Reinstatement of Teaching Certificates

Persons holding Georgia teaching certificates may renew or

reinstate these certificates, whenever necessary, by earning course credit at Augusta College to fulfill State Department of Education Certification requirements. Persons desiring to do this must obtain approval of each course taken from the Certification Division of the State Department of Education.

Bachelor of Arts

Major in Elementary Education

The elementary education major leads to a professional certificate to teach in the elementary schools from grades one through seven. In addition to the general elementary major, it includes a minor in a subject field such as art, English, history, biology, mathematics, music, chemistry, physics, French, Spanish, or social sciences. Such concentration in a subject field develops proficiency in one or two teaching areas thereby strengthening the skills of the elementary teacher.

<i>Freshman and Sophomore Years</i>	(College Core)	<i>Quarter Hours</i>
Humanities		20
Science and Mathematics		20
Social Science		20
Additional supporting courses to include:		36
*French, German, or Spanish (10 hrs.)		
Foundations of Education		
Fundamentals of Speech		
Humanities 223		
Physical Education	(6 hrs.)	
Electives		
TOTAL		96
<i>Junior and Senior Years</i>		<i>Quarter Hours</i>
Teaching field courses to include a minor concentration outside of education		45
Professional Education to include courses dealing with each of the following:		
Psychological Foundations, Curriculum and Methods, Elementary Student Teaching and Senior Seminar		30
Supporting courses and electives		15
TOTAL		186

*Prior language experiences may be used to satisfy this requirement.

Bachelor of Arts

Major: English—Prospective Teacher

		<i>Quarter Hours</i>
<i>Freshman and Sophomore Years</i>		
Eng 101-102 or 111	College Composition	10
Hum 221-222 223	Humanities	15
Language (through 202)	French, German, Spanish	0-20
Mat 101, 102	Freshman Mathematics I, II or	
Mat 121, or 122	Finite Mathematics I or II	5-10
Sci Option	Physics, Physical Science Biology, or Chemistry	10-15
His 115-116	History of Western Civilization	10
Psy 101	Principles of Psychology	5
Pol 101	American Government	5
Edu 204	Foundations of Education	5
PEd	Physical Education and Health	6
Electives		0-20
Total		96
<i>Junior and Senior Years</i>		
Eng 371-372	American Literature	10
Eng 385	Advanced Composition	5
Eng 309	History and Development of the English Language	5
Select four (4) additional 300 level English courses and two (2) additional 400 level English courses		30
<i>Teacher Education Minor:</i>		
Eng 382	Teaching Secondary English	3
Edu 304	Educational Psychology	5
Edu 337	The American High School Curriculum	5
Edu 456	Secondary School Materials and Methods	3
Edu 436	Student Teaching	12
Edu 492	Seminar in Secondary Education	3
Electives		5
TOTAL		86

Bachelor of Arts

Major: French—Prospective Teacher

		<i>Quarter Hours</i>
<i>Freshman and Sophomore Years</i>		
Eng. 101-102 or 111	College Composition	10
Hum 221-222-223	Humanities	15
Mat 101, 102 or	Freshman Mathematics I, II	
	or	
Mat 121, 122	Finite Mathematics I, II	5-10
Science Option	Biology, Chemistry, Physical Science	10-15
Pol 101	American Government	5
His 211 or 212	American History	5
Psy 101	Principles of Psychology	5
Edu 204	Foundations of Education	5
French through 211	Intermediate and Conversational French	5-25
Electives—Area IV	.....	0-20
Ped	Physical Education and Health.....	6
TOTAL		96

Junior and Senior Years

Major Concentration:

Fr 301-302	Survey of French Literature	10
Fr 305	French Culture and Civilization	5
Fr 456	Teaching Romance Language	3
Fr 481	Advanced Conversation and Composition	5

A minimum of 5 additional French courses from the
400 series..... 25

Minor Concentration:

Edu 304	Educational Psychology	5
Edu 337	High School Curriculum	5
Edu 456	Secondary Materials and Methods ..	3
Edu 436	Student Teaching	12
Edu 492	Seminar in Secondary Education.....	3
Electives	.....	15

TOTAL 91

Bachelor of Arts

Major: History—Prospective Teacher

		<i>Quarter Hours</i>
<i>Freshman and Sophomore Years</i>		
Eng 101-102 or 111	College Composition	10
Hum 221-222-223	Humanities	15
Language Proficiency (through 202)	French, German or Spanish	0-20
Mat 101-102	Freshman Mathematics I-II	10
Science Option	Physics, Physical Science, Chemistry, or Biology	10
His 115-116	History of Western Civilization	10
His 211-212	American History	10
Pol 101	American Government	5
Soc 101	Introductory Sociology	5
Option	Art, Music, Philosophy or Speech	5
Edu 204	Foundations of Education	5
PEd	Physical Education and Health	6
Psy 101	Principles of Psychology	5
TOTAL		96-116

		<i>Quarter Hours</i>
<i>Junior and Senior Years</i>		
Ecn 101	Principles of Economics	5
Ggy 101	Physical Geography	5
Major Concentration:		
Select from 300 or 400 level		
1. Europe		10
2. Far East		10
3. Latin America		10
4. United States		10
The History of Georgia		5
Teacher Education Minor:		
His 456	Teaching Secondary History	3
Edu 304	Educational Psychology	5
Edu 337	The American High School Curriculum	5
Edu 456	Secondary School Materials and Methods	3
Edu 436	Student Teaching	12
Edu 492	Seminar in Secondary Education	3
Elective		5
TOTAL		91

Bachelor of Arts

Major: Music—Prospective Teacher

		<i>Quarter Hours</i>
<i>Freshman and Sophomore Years</i>		
Eng 101-102 or 111	College Composition	10
Hum 221-222-223	Humanities	15
Math Option	Freshman Mathematics I, II Finite Mathematics I, II, or Precalculus Mathematics	5-10
Science Option	Physics, Physical Science, Chemis- try, or Biology	10-15
Social Science Option	.....	15
Psy 101	Principles of Psychology	5
Mus 101-102-103	Applied Music	3
Mus 201-202-203	Applied Music	3
Mus 111-112-113	Elementary Theory	15
Mus 211-212-213	Intermediate Theory	15
Edu 204	Foundations of Education	5
PEd	Physical Education and Health	6
TOTAL		117

Junior and Senior Years

Language Proficiency (through 202)			French, German, or Spanish	0-10
Mus 301-302-303	Applied Music			3
Mus 401-402-403	Applied Music			3
Mus 461-462	Conducting			6
Mus 371-372-373 374-375	Instrumental Techniques			10
Ensemble				0
Mus 313-314-315	Advanced Theory			10-15
Mus 321-322-323	History of Music			6
Mus 421-422-423	Masterworks of Music Literature		--	9

Teacher Education Minor:

Mus 352 or 456	Teaching Elementary or Secondary Music	3
Edu 304	Educational Psychology	5
Edu 335	Elementary School Curriculum	2
or		
Edu 337 and	High School Curriculum	5

Edu 456	Secondary School Materials and Methods	3
Edu 435 or 436	Student Teaching	12
Edu 491 or 492	Seminar in Education	3
TOTAL		82-93

Bachelor of Arts

Major: Spanish—Prospective Teacher

		<i>Quarter Hours</i>
<i>Freshman and Sophomore Years</i>		
Eng 101-102 or 111	College Composition	10
Hum 221-222-223	Humanities	15
Mat 101, 102 or Mat 111, or Mat 121, 122	Freshman Mathematics I, II or Precalculus Mathematics or Finite Mathematics	5-10
Science Option	Biology, Chemistry, Physical Science	10-15
Pol 101	American Government	5
His 211 or 212	American History	5
Psy 101	Principles of Psychology	5
Edu 204	Foundations of Education	5
Spanish through 211	Intermediate and Conversational Spanish	5-25
Electives—Area IV	.....	0-20
Ped	Physical Education and Health	6
TOTAL		96

		<i>Quarter Hours</i>
<i>Junior and Senior Years</i>		
Major concentration:		
Sp 301-302	Survey of Spanish Literature	10
Sp 305	Spanish Culture and Civilization	5
Sp 456	Teaching Romance Languages	3
Sp 481	Advanced Conversation and Composition	5
A minimum of 5 additional Spanish courses from 300 and/or 400 series		25
Minor Concentration		
Edu 304	Educational Psychology	5

Edu 337	High School Curriculum	5
Edu 456	Secondary Materials and Methods....	3
Edu 436	Student Teaching	12
Edu 492	Seminar in Secondary Education	3
Electives	.....	15
TOTAL		91

Bachelor of Science

Major: Biology—Prospective Teacher

Major: Biology		Respective Teacher	Quarter Hours
Freshman and Sophomore Years			
Eng 101-102 or 111	College Composition	-----	10
Hum 221-222-223	Humanities	-----	15
Mat 111	Precalculus Mathematics	-----	5
Mat 201 or 221	Calculus and Analytic Geometry I	-----	5
Biol 101 and 102, or 103	Elementary Statistics	-----	5-10
Chm 101-102-103	Principles of Biology	-----	15
Psy 101	General Chemistry	-----	5
Edu 204	Principles of Psychology	-----	5
PEd	Foundations of Education	-----	6
Behavioral Sci Elective	Physical Education and Health	-----	5
	(Psy or Soc)	-----	
Select 3 of the following:			
Bio 201	Invertebrate Zoology		
202	Vertebrate Zoology		
221	Plant Morphology I		
222	Plant Morphology II	-----	15
Language	French, German, or Spanish	-----	5
Total			96-101

Junior and Senior Years

Bio 301	Cell and Molecular Biology	5
Physics	General Physics (201, 202, and 203)	15
Bio 302	Genetics and Development	5
Bio 304	Ecology	5
Select 3 or 4 additional		
Bio 498	Upper Division Biology Courses	15-20
Language	Biology Seminar	2
His 211 or 212	French, German, or Spanish	5
Pol 101	American History I or II	5
	American Government	5

Teacher Education Minor

Bio 456	Teaching Secondary Biology	3
Edu 304	Educational Psychology	5
Edu 337	The American High School Curriculum	5
Edu 456	Secondary School Materials and Methods	3
Edu 436	Student Teaching	12
Edu 492	Seminar in Secondary Education	3
TOTAL		93-98

Bachelor of Science

Major: Chemistry—Prospective Teacher

Freshman and Sophomore Years *Quarter Hours*

Eng 101-102 or 111	College Composition	10
Hum 221-222-223	Humanities	15
Mat 111	Precalculus Mathematics	5
Mat 201-202, 203	Calculus and Analytic Geometry	15
Chm 101-102-103	General Chemistry	15
Chm 341-342-344	Organic Chemistry	13
Chm 281	Quantitative Analysis	5
Psy 101	Principles of Psychology	5
Edu 204	Foundations of Education	5
His 211 or 212	American History I or II	5
Pol 101	American Government	5
PEd	Physical Education and Health	6
TOTAL		104

Junior and Senior Years

Language	French, German, or Spanish	10
Bio 101-102	Biology I-II	10
Chm 372-373-374	Physical Chemistry	15
Chm 442	Organic Chemistry III	3
One Chm Course	400 level	5
Pcs 201-202-203	General Physics	15
Chm 495	Seminar	3
His 115 or 116	History of Western Civilization	5
Teacher Education Minor		
Chm 456	Teaching Secondary Chemistry	3
Edu 304	Educational Psychology	5

Edu 337	The American High School Curriculum	5
Edu 456	Secondary School Materials and Methods	3
Edu 436	Student Teaching	12
Edu 492	Seminar in Secondary Education	3
TOTAL		97

Bachelor of Science

Major: Mathematics—Prospective Teacher

		<i>Quarter Hours</i>
<i>Freshman and Sophomore Years</i>		
Eng 101-102 or 111	College Composition	10
Hum 221-222-223	Humanities	15
Mat 111	Precalculus Mathematics	5
Mat 201-202	Calculus and	
203-204	Analytic Geometry	20
Chm 101-102	General Chemistry	
or	or	
Chm 105-245	Basic Chemistry	
or	or	
Bio 101-102	Biology I and II	10
Edu 204	Foundations of Education	5
Soc Sci Option	Psychology, Sociology	10
PEd	Physical Education and Health	6
His 211 or 212	American History I or II	5
Pol 101	American Government	5
Mat 302	Differential Equations	5
TOTAL		96

	<i>Quarter Hours</i>
<i>Junior and Senior Years</i>	
Language Option:	

	French, German, or Russian (Mathematics 335 may be substituted for 5 hrs.)	10-20
Pcs 211-212	Mechanics—Electricity	12
Mat 321-322	Modern Abstract Algebra I, II	10
Mat 431	Modern Geometry	5
Additional Upper Division Mathematics Courses		15
Mat 456	Methods of Teaching Secondary Mathematics	3
Edu 304	Educational Psychology	5

Edu 337	The American High School Curriculum	5
Edu 456	Secondary School Materials and Methods	3
Edu 436	Student Teaching	12
Edu 492	Seminar in Secondary Education	3
Electives	.....	10
TOTAL		93

Bachelor of Science

Major: Physics—Prospective Teacher

		<i>Quarter Hours</i>
<i>Freshman and Sophomore Years</i>		
Eng 101-102 or 111	College Composition	10
Mat 111	Precalculus Mathematics	5
Mat 201-202	Calculus and Analytic Geometry I-II	10
203-204	Calculus & Analytic Geometry III-IV	10
Pcs 211	Mechanics	6
Pcs 212	Electricity	6
Pcs 213	Heat, Sound, and Light	6
Hum 221-222-223	Humanities	15
Psy 101	Principles of Psychology	5
Spc 101	Fundamentals of Speech	5
Edu 204	Foundations of Education	5
Pol 101	American Government	5
His 211 or 212	American History	5
*Elective	.....	5
PEd	.....	6
TOTAL		104

Junior and Senior Years

Mat 302	Differential Equations	5
Chm 101-102	General Chemistry	10
Chm 103	Qualitative Analysis	5
Bio 101	Biology	5
Pcs 301	Electronics	5
Pcs 304	Advanced Optics	5
Pcs 321-322	Classical Mechanics	6
Pcs 441-442-443	Modern Physics	10

*Electives are to be selected in order to satisfy Area III of the Core Curriculum.

Pcs 456	Teaching Physics in the Secondary School	3
Edu 304	Educational Psychology	5
Edu 337	Secondary Curriculum	5
Edu 456	Secondary Materials and Methods	3
Edu 436-492	Student Teaching and Seminar	15
Electives	.....	10
TOTAL		92

Bachelor of Science in Education

Major: Special Education (EMR)
(Teaching Educable Mentally Retarded)

		<i>Quarter Hours</i>
<i>Freshman and Sophomore Years</i>		
Bio 101-102	Biology I and II	10
Bio 351	Elementary Human Physiology	5
Bio 352	Heredity and Eugenics	5
Eng 101-102 or 111	College Composition	10
Hum 221-222-223	Humanities	15
Mat 101	Freshman Mathematics	5
Psc 101 or 102	Physical Science Survey	5
Psy 101	Principles of Psychology	5
Soc 101	Introduction to Sociology	5
Spc 101	Fundamentals of Speech	5
His 115	History of Western Civilization	5
His 211 or 212	American History I or II	5
Pol 101	American Government	5
Edu 204	Foundations of Education	5
Electives	.....	0-5
PEd	Physical Education & Health	6
TOTAL		96-101

Junior and Senior Years

Edu 302	Human Development	5
Edu 304	Educational Psychology	5
Art 351	Art Education	5
Mus 351	Public School Music	5
PEd 351	Health and Physical Education in Elementary Schools	5
Eng 381	Children's Literature	5
Mat 425	Fundamental Ideas of Arithmetic	5
Edu 351	Teaching of Reading	5
Edu 335	Elementary School Curriculum	2

Psy 455	Mental Hygiene	5
Edu 404	Educational Measurement	5
Edu 435S	Student Teaching (EMR)	12
Edu 460	Education of Exceptional Children	5
Edu 461	Introduction to Mental Re- tardation	5
Edu 462	Curriculum Development and Teaching EMR	5
Edu 437	Practicum with EMR	5
Edu 491S	Seminar in Special Education	3
Edu 422	Problems in Reading	5
Edu 343	Parent Education	5
Electives	.....	5
TOTAL		102

Bachelor of Business Administration

Concentration: Business Teacher Emphasis (Option I)

		<i>Quarter Hours</i>
<i>Freshman and Sophomore Years</i>		
Eng 101-102 or 111	College Composition	10
Hum 221-222	Humanities	10
Mat 121-122	Finite Mathematics	
or	or	
Mat 101 & 205	Freshman Mathematics & Mathematics of Finance	10
Pol 101	American Government	5
Ecn 101-102-103	Principles of Economics	15
Bus 211-212	Principles of Accounting	10
His 211 or	American History I or	
His 212	American History II	5
Edu 204	Foundations of Education	5
Psy 101	Principles of Psychology	5
Science	Physics, Chemistry, Biology or	
Option	Physical Science	10
PEd	Physical Education and Health	6
Eng 301	Technical and Business Writing	5
Ecn 201	Economic Development of the U.S. ..	5
TOTAL		101

Junior and Senior Years

His 115 or 116	History of Western Civilization	5
SSc 101-102-103	Typewriting	6

SSc 331-332-333	Shorthand	9
Bus 301	Business Law	5
SSc 325	Secretarial Practice	5
SSc 425	Supervised Office Experience	5
SSc 431	Advanced Dictation & Transcription	5
SSc 435	Business Machines	5
Edu 304	Educational Psychology	5
Edu 337	The American High School Curriculum	5
Edu 456	Secondary Materials and Methods	3
Edu 436	Student Teaching	12
Edu 492	Seminar in Secondary Education	3
Electives	.....	10
Bus 456	Teaching Secondary Business	3
TOTAL		86

Concentration: Business Teacher Emphasis (Option II)

Freshman & Sophomore Years

Eng 101-102 or 111	College Composition	10
Hum 221-222-223	Humanities	15
Mat 121-122 or Mat 101 & 205	Finite Mathematics or Freshman Mathematics & Mathematics or Finance	10
Pol 101	American Government	5
His 211 or 212	American History I or II	5
Ecn 101-102	Principles of Economics	10
Bus 211-212	Principles of Accounting	10
His 115 or 116	History of Western Civilization	5
Psy 101	Principles of Psychology	5
Edu 204	Foundations of Education	5
Science Option	Pcs, Chm, Bio, or Psc	10
PEd	Physical Education and Health	6
Eng 301	Technical and Business Writing	5
Ecn 201	Economic Development of the U.S.	5
TOTAL		106

Junior and Senior Years

SSc 101-102-103	Typewriting	6
Hum 223	Humanities	5
Bus 301	Bus. Law	5
SSc 435	Business Machines	5

Bus 353	Prin. or Marketing	5
Bus 363	Prin. of Management	5
Bus 441	Computing & Data Processing	
or	or	
Mat 335	An Introduction to Programming for Electronic Digital Computers.....	5
Ecn 305	Money & Banking	5
Bus 311-312	Accounting Theory I & II	10
Edu 304	Edu. Psy.	5
Edu 337	Sec. Sch. Curriculum	5
Edu 456	Secondary Materials and Methods..	3
Edu 436	Student Teaching	12
Edu 492	Seminar in Secondary Education	3
Elective	.....	5
Bus 456	Teaching Secondary Business	3
TOTAL		87

ASSOCIATE DEGREES

CRIMINAL JUSTICE

This Degree is designed to produce graduates who can enter the criminal justice profession with some understanding of the legal, sociological, and psychological complexities of law enforcement. Consequently the program is liberal arts oriented, but contains a sufficient number of specialized courses to give the student a sense of professionalism and to qualify the graduate as a beginning professional. The curriculum consists of 90 quarter hours of which 25 are in specialized courses.

The Degree is appropriate for those already in law enforcement and for those planning to enter. For information or financial assistance under the Omnibus Crime Bill see "Careers in Law Enforcement" page 50.

NURSING

The primary aim of the Nursing Education Department is to educate the individual as a person, as a citizen and as a worker. The nursing curriculum seeks to prepare for technical nursing in such a manner that graduates will be eligible to take the registered nurse licensing examination and be able to give patient-centered nursing care as beginning general duty nurses.

Upon successful completion of the program the graduates are awarded the Associate in Arts Degree.

The program is approved by the Board of Examiners of Nurses for

Georgia. National League for Nursing Accreditation will be sought at the appropriate time.

In addition to the requirements for admission to the College, the applicant must submit a medical record completed by a licensed physician.

A personal interview with a designated representative of the nursing faculty to discuss enrollment plans and career goals is requested.

Chemistry (and/or special permission from the Department Chairman) is a prerequisite for admission to the program.

A grade of C or better in each course in the Nursing sequence must be maintained. A grade of C or better must be attained in the Biological Science sequence before graduation. A grade of F in the Biological Science sequence will automatically preclude the student from registering for the subsequent quarter.

In addition, nursing majors are required to maintain a minimum overall GPA of 1.9 in order to continue into the sophomore year. A 2.0 minimum is required for graduation.

<i>Freshman and Sophomore Years</i>		<i>Quarter Hours</i>
Bio 111	Anatomy and Physiology I	5
Psy 101	Principles of Psychology	5
Nur 101	Nursing I	6
Bio 112	Anatomy and Physiology II	5
Eng 101	College Composition I	5
Nur 102	Nursing II	6
Bio 311	Introductory Microbiology	5
Psy 311	Development Psychology	5
Nur 103	Nursing III	7
PEd	Physical Education and Health	2
TOTAL		51

<i>Sophomore Year</i>		<i>Quarter Hours</i>
Soc 101	Introductory Sociology	5
Psy 455	Mental Hygiene	5
Electives	.....	10
Eng 102	College Composition II	5
Nur 201	Nursing IV	7
Nur 202	Nursing V	7
Nur 203	Nursing VI	7
Nur 204	Nursing VII	3
PEd	Physical Education and Health	1
TOTAL		50



Course Descriptions

After each course title there are three numbers in parentheses. The first number listed is the number of hours of lecture; the second, the number of hours of laboratory; and the third, the number of credit hours the course carries. Where lecture, laboratory, and credit hours are not fixed, such as in "Selected Topics," the word "variable" or the letter "V" will be used instead of numbers.

ANTHROPOLOGY (ANT)

Chairman: Frickey. *Staff:* Thompson.

- 101 *INTRODUCTORY ANTHROPOLOGY* (5-0-5)
Prerequisite for all other anthropology courses except Anthropology 201. A survey of the physical and cultural development of man with emphasis placed on the fundamental concepts of physical and cultural anthropology. *Normally offered fall and spring quarters.*
- 201 *CULTURAL ANTHROPOLOGY* (5-0-5)
A study of the nature of culture. The contents of cultures: language, subsistence, economic structures, social grouping, government, art mythology, and religion in primitive societies. May also be taken for credit toward sociology major or minor. *Normally offered each quarter.*
- 314 *PHYSICAL ANTHROPOLOGY* (5-0-5)
A study of man as a cultural animal; the development of human societies from pre-literate beginning to the rise of complex social organizations. *Normally offered winter quarter.*
- 316 *INTRODUCTION TO ETHNOLOGY* (5-0-5)
An introduction to the basic principles of ethnology, the historical and analytical study of primitive cultures. A number of cultures will be surveyed to acquaint the student with a broad introduction to cultural variation in various tribal settings. *Normally offered fall quarter.*
- 401 *AMERICAN INDIAN* (5-0-5)
A survey course on the cultural development of the aboriginal population of North America from the time of the first European contacts to the present time. *Normally offered winter quarter.*
- 405 *NORTH AMERICAN ARCHAEOLOGY* (5-0-5)
A survey of the prehistory of the North American aboriginal

populations from 10,000 B.C. to the 17th century A.D. Special attention will be placed on the cultural developments during each time period in the major culture areas. *Normally offered spring quarter.*

410 *SOUTHEASTERN ARCHAEOLOGY* (5-0-5)

A detailed study of the literature concerning archaeological research in the Southeastern United States and its contiguous areas. A great deal of attention will be devoted to archaeological methods and how they have been applied in the Southeast. *Normally offered summer quarter.*

ART

Chairman: Fominaya. *Staff:* Bindler, Cowling, Jones, Schoolcraft.

121-122 *APPLIED BASIC DRAWING I-II* (5-V-5)

Basic Introduction to art and design using a variety of simple media. Color is introduced in the second quarter.

123 *INTRODUCTION TO PAINTING* (5-V-5)

Prerequisite: Art 122.

Aesthetic considerations of picture structure. Composition of painting. Lettering and design. Studio-laboratory required.

211-212-213 *ART HISTORY* (5-V-5)

Survey of World Art. Analysis of painting, sculpture, and architecture related to changing cultural backgrounds. Divided into periods: Pre-Historic through Gothic—Renaissance—Baroque through Modern.

221-222 *INTERMEDIATE DRAWING AND PAINTING I-II* (5-V-5)

Prerequisite: Art 123.

Drawing and painting from models. Exercises in any medium. Studio-laboratory required.

223 *INTERMEDIATE PAINTING AND SCULPTURE* (5-V-5)

Prerequisite: Art 222.

Exercises in two and three dimensional design. Studio-laboratory required.

225 *PERCEPTION OF ART* (5-V-5)

Prerequisite: Permission of the Instructor.

An extension of the Fine Arts studied in Humanities 221-222-223. A non technical concentration of visual arts with emphasis on Contemporary styles and design.

321-322 *FIGURE DRAWING* (5-V-5)

Prerequisite: Art 223.

Introduction to anatomy. Drawing and painting from live models. Studio-laboratory required.

351 *ELEMENTARY SCHOOL ART* (5-V-5)

A course designed to familiarize the student with arts and crafts methods used in the school. Planned for Elementary Education majors. Does not fulfill core requirement in Humanities.

421-422-423 *MAJOR PROJECT* (5-V-5)

Prerequisite: Permission of Instructor.

Individual major projects in painting or sculpture.

495 *ART—SELECTED TOPICS* (Variable)

Prerequisite: Permission of Instructor.

Reserved for special study of techniques and media not normally contained in course work.

BIOLOGY (BIO)

Chairman: Morris. *Staff:* Bickert, Black, Brown, Cooke, Stirewalt, Webber.

101 *BIOLOGY I* (3-4-5)

The unifying concepts of the biotic world including molecular and cell biology, metabolism, genetics, evolution and environmental biology are integrated and presented in Biology 101 and 102. These two courses are designed to meet the science requirement for the non-biology major.

102 *BIOLOGY II* (3-4-5)

Prerequisite: Biology 101.

A continuation of Biology 101.

103 *PRINCIPLES OF BIOLOGY* (3-4-5)

A survey of the basic concepts of Biology at the introductory level. This course is designed for the Biology major and is taken in lieu of Biology 101 and 102 with permission of the Department Chairman.

111 *ANATOMY AND PHYSIOLOGY I* (3-4-5)

The structural and functional organization of the human organism. A systematic study is made of the skeletal, muscular, nervous and sensory organs.

112 *ANATOMY AND PHYSIOLOGY II* (3-4-5)

Prerequisite: Biology 111.

A continuation of Biology 111. The circulatory, respiratory,

- digestive, excretory, endocrine and reproductive systems and their interrelationships. Bio. 111 and 112 will not satisfy the science requirement of the core curriculum.
- 201 *INVERTEBRATE ZOOLOGY* (3-4-5)
Prerequisites: Biology 102 or 103.
An examination of the morphology, physiology and life histories of representative invertebrates.
- 202 *VERTEBRATE ZOOLOGY* (3-4-5)
Prerequisites: Biology 102 or 103.
The morphology, physiology, and life histories of representative vertebrates.
- 221 *PLANT MORPHOLOGY I* (3-4-5)
Prerequisites: Biology 102 or 103.
Vegetative organization and reproductive cycles of nonvascular plants. Phylogenetic interrelationships and evolutionary origins will be stressed.
- 222 *PLANT MORPHOLOGY II* (3-4-5)
Prerequisite: Biology 221.
Vegetative organization and reproductive cycles of vascular plants. Phylogenetic interrelationships and evolutionary origins will be stressed.
- 301 *CELL AND MOLECULAR BIOLOGY* (3-4-5)
Prerequisites: Biology 102 or 103, Chemistry 102, and permission of Instructor.
The biochemical composition, the microscopic and fine structure and the capabilities of cells.
- 302 *GENETICS AND DEVELOPMENT* (3-4-5)
Prerequisite: Biology 301.
The historical and contemporary aspects of mechanisms of inheritance. The genetic basis of biological variation and differentiation.
- 303 *EMBRYOLOGY* (3-4-5)
Prerequisite: Biology 302.
A descriptive and experimental approach to ontogeny with consideration of differentiation, morphogenesis and growth. Emphasis is placed upon chick and human development.
- 304 *ECOLOGY* (3-4-5)
Prerequisites: Three of the following: Biology 201, 202, 221, 222, in addition to Chemistry 102.
The relationship between groups of organisms and the environment. The structure and dynamics of populations and communities.

- 311 *INTRODUCTORY MICROBIOLOGY* (3-4-5)
Prerequisites: 10 hours of biological science and 5 hours of chemistry or permission of the Instructor.
A study of microorganisms and their relationship to human welfare. This course is designed for the non-Biology major.
- 312 *COMPARATIVE VERTEBRATE ANATOMY* (3-4-5)
Prerequisites: Biology 102 or 103.
An examination of the gross morphology of various selected types of chordates. The development of a modern phylogenetic point of view.
- 314 *PRINCIPLES OF PHYSIOLOGY* (3-4-5)
Prerequisites: Biology 102 or 103, and Chemistry 341.
A comparative study of the physiological control mechanisms. The main themes include sensory reception, the mechanisms of homeostasis, transformation of energy by living systems and the physiology of effector systems.
- 315 *HISTOLOGY* (3-4-5)
Prerequisites: Biology 102 or 103.
A descriptive study of tissues composing various organs of the vertebrate body.
- 316 *HISTOLOGICAL TECHNIQUES* (0-6-3)
Prerequisites: Biology 102 or 103.
The sectioning, staining and preservation of biological materials.
- 321 *PLANT ANATOMY* (3-4-5)
Prerequisites: Biology 102 or 103.
A comparative study of the various basic cells and tissues of the vascular plant body, their origin, development and organization.
- 322 *PLANT SYSTEMATICS* (3-4-5)
Prerequisites: Biology 321.
A general survey of the principles of the taxonomy of vascular plants. Practice in the identification of local plants.
- 326 *PLANT PHYSIOLOGY* (3-4-5)
Prerequisites: Biology 301, 321, Chemistry 341.
Life processes of plants including water relations, synthesis and use of foods and growth phenomena.
- 351 *ELEMENTARY HUMAN PHYSIOLOGY* (5-0-5)
Prerequisites: Biology 102 or 103.
An introduction to the functions of the human body systems. Designed for the non-Biology major. Lecture and demonstrations.

- 352 *HEREDITY AND EUGENICS* (5-0-5)
 Prerequisites: Biology 102 or 103.
 Basic principles of heredity as related to modern social problems. Designed for the non-Biology major. Lecture, demonstrations and library assignments.
- 402 *BIOLOGICAL METHODOLOGY* (0-6-3)
 Theory and application of modern technics and instruments to Biological problems. For the advanced Biology student.
- 456 *TEACHING METHODS IN BIOLOGY*
 Designed to acquaint the student with methods of teaching Biology in public schools. Consideration is given to material content as well as to the development of techniques for preparation of instructional material, with particular emphasis on laboratory exercises.
- 495 *SELECTED TOPICS* (Variable)
 Course content variable to meet current needs of students. Special areas of Biology to be covered are not included in other courses.
- 498 *SEMINAR* (2-0-2)
 Prerequisite: 30 hours of biological science.
 Special topics in current advances in field of biological sciences. One two-hour period a week for presentation and discussion. Required of all senior biology majors.
- 499 *UNDERGRADUATE RESEARCH* (Variable)
 Prerequisites: 30 hours of biological science and permission of the Department Chairman.
 Assigned research problems. Hours by arrangement.

BUSINESS ADMINISTRATION (BUS)

Chairman: Pierce. *Staff:* Blackburn, Campbell, Farmer, Flynn, Godin, Hodges, Kaylor, Markwalder, Previts, Richardson, B. P. Smith, Wansboro, Whatley.

- 211 *PRINCIPLES OF ACCOUNTING I* (5-0-5)
 Fundamental principles of accounting as applied to a trading business conducted by a proprietorship. Debit and credit analysis; journalizing; posting; classification of accounts; columnar records; control accounts; adjusting and closing the books; preparation of work sheets and financial statements; elementary ratio analysis; inventories.
- 212 *PRINCIPLES OF ACCOUNTING II* (5-0-5)
 Prerequisite: Bus. 211.
 A thorough study of partnership and corporation accounting

with elementary consideration of a manufacturing concern. Capital stock; bonds; funds and reserves; surplus and dividends.

- 301 *BUSINESS LAW I* (5-0-5)
Contracts, sales contracts, agency, negotiable instruments, bailments, common and public carriers. Designed to acquaint students with legal rights and liabilities in the ordinary course of business.
- 302 *BUSINESS LAW II* (5-0-5)
Prerequisite: Bus. 301.
Continuation of Business Law I. Partnership, corporations, real property, insurance, security devices, trusts and estates, bankruptcy, and governmental regulation of business.
- 311 *ACCOUNTING THEORY I* (5-0-5)
Prerequisite: Bus. 212.
Development of accounting theories. Accounting statements and their presentation, with emphasis on the valuation of assets and liabilities; analysis of balance sheet items including cash, receivables and inventories.
- 312 *ACCOUNTING THEORY II* (5-0-5)
Prerequisite: Bus. 311.
Continuation of Accounting Theory I. Valuation of fixed assets, depreciation, capital structure and investments, sources and applications of funds, and analysis of operations.
- 353 *PRINCIPLES OF MARKETING* (5-0-5)
Prerequisite: Economics 102.
Social and economic aspects of marketing; functions, trade and distribution channels, price theory and policies, advertising, and governmental regulation.
- 363 *PRINCIPLES OF MANAGEMENT* (5-0-5)
Prerequisite: Economics 102.
Management principles and techniques in organizing, staffing, directing, planning, and controlling a business enterprise.
- 410 *MARKETING MANAGEMENT* (5-0-5)
Prerequisites: Bus. 363, Bus. 353.
A study of the marketing aspects of management and related decision making, including sales management, cost and demand analysis, pricing, packaging, and forecasting. This course will utilize some case work to integrate the student's concept of marketing management with other areas of study.
- 411 *COST ACCOUNTING* (5-0-5)
Prerequisites: Bus. 212 and Economics 102.
Principles of manufacturing and distribution costs. Job order

and process cost methods, standard costing, periodic summaries and interpretation.

421 *ADVANCED ACCOUNTING I* (5-0-5)

Prerequisite: Bus. 312.

Theory and problems relating to liquidation, insolvency, installment sales, consignments, consolidated statements, application of funds, and CPA problems.

422 *ADVANCED ACCOUNTING II* (5-0-5)

Prerequisite: Bus. 421

Theory and problems relating to fiduciaries, insurance and actuarial science, foreign branches and subsidiaries, consolidated statements, CPA questions and contemporary professional developments.

424 *PRODUCTION MANAGEMENT* (5-0-5)

Prerequisites: Bus. 363 and Ecn. 322.

The application of management functions to problems of production, with emphasis on standard methods, quality and quantity control, production systems and related areas.

434 *PERSONNEL ADMINISTRATION* (5-0-5)

Prerequisites: Bus. 363 and Ecn. 311.

The role of management as it relates to personnel. Theories, practices and concepts important to the executive or supervisor are examined.

441 *COMPUTING AND DATA PROCESSING* (5-0-5)

Prerequisite: Permission of Instructor.

Principles of data processing as applied to business administration and economics, fundamentals of programming and a study of available equipment and systems.

451 *FEDERAL INCOME TAXATION* (5-0-5)

Prerequisite: Bus. 212.

Federal tax accounting procedures; interpretation of federal and state income tax laws and the preparation of returns for individuals, partnerships, corporations, and fiduciaries.

456 *METHODS OF TEACHING SECONDARY BUSINESS* (3-0-3)

Basic trends and methods in business education; objectives, curriculum planning, and specific methods in teaching shorthand, typewriting, bookkeeping, office practice, and basic business subjects. Includes a review of current literature.

464 *CASE PROBLEMS IN MANAGEMENT* (5-0-5)

Prerequisites: Completion of Junior Core Curriculum or permission of instructor.

Analysis of the practices and problems of the management of business concerns through the examination of case studies and performance of business research. Serves as a capstone course for the Senior student using materials drawn from Accounting, Finance, Marketing and Law.

471 *AUDITING* (5-0-5)

Prerequisite: Bus 312.

The application of principles to the problems of public accountancy with emphasis upon the preparation of auditor's working papers and auditor's certificates.

481 *GOVERNMENTAL AND INSTITUTIONAL ACCOUNTING* (5-0-5)

Prerequisite: Bus. 312

Accounting, budgeting, fiscal processes and financial records of local, state and federal governmental bodies and of private nonprofit institutions.

499 *UNDERGRADUATE RESEARCH* (Variable)

Prerequisite: Senior standing or permission of the Department Chairman.

Independent research on an advanced topic selected by the student in consultation with the chairman of the Department of Business Administration. Techniques of business and economic research are emphasized.

CHEMISTRY (CHM)

Chairman: O'Neal. *Staff:* Dolyniuk, Lewis, Pearce, Richart, Turner.

Chemistry 105 and 245 will satisfy the college requirements for ten hours of science.

Students with advanced training in Chemistry may exempt certain Chemistry courses by special examinations. A satisfactory grade on such examinations will enable the student to receive credit hours compatible with the exam upon satisfactory completion of the next higher numbered Chemistry course. Those students who think they may be prepared for these examinations are urged to contact the Head of the Chemistry Department for further information.

101 *GENERAL CHEMISTRY I* (4-3-5)

Prerequisite: College entrance.

A study of basic chemical principles, theories, and laws. The course includes the study of gas laws, atomic structure, and colligative properties of solutions.

- 102 *GENERAL CHEMISTRY II* (4-3-5)
 Prerequisite: Chm 101.
 A continuation of Chm 101 and includes the study of chemical bonds, molecular orbitals, equilibria, etc.
- 103 *INTRODUCTORY ANALYTICAL CHEMISTRY* (3-6-5)
 Prerequisite: Chm. 102.
 A continuation of Chm. 102 and includes ionic equilibria, pH, buffers, solubility products, and hydrolysis. The laboratory includes separation and identification principles and practices for common cations as well as introductory quantitative analysis. A non-compulsory problem session one day per week is normally scheduled.
- 105 *BASIC CHEMISTRY (FOR NON-SCIENCE MAJORS AND MINORS)* (4-3-5)
 Prerequisite: College entrance.
 A general survey of the principles of chemistry with less mathematical rigor than in the courses above. Many of the topics of Chm 101 and 102 will be covered with emphasis on practice rather than on theory.
- 195 *CHEMICAL TECHNIQUES/TOPICS* (Variable)
 Prerequisite: Permission of the Instructor.
 A study of basic chemical techniques and/or topics of interest to freshmen. May be repeated for credit.
- 245 *BASIC ORGANIC CHEMISTRY AND BIOCHEMISTRY (FOR NON-SCIENCE MAJORS AND MINORS)* (4-2-5)
 Prerequisite: Chm. 101 or 105.
 Fundamental elements of organic chemistry and biochemistry, emphasizing biochemical changes taking place in life processes.
- 281 *QUANTITATIVE INORGANIC ANALYSIS* (3-8-6)
 Prerequisite: Chm. 103.
 The theories, principles, and practices of volumetric, gravimetric, and elementary instrumental analysis.
- 295 *CHEMICAL TECHNIQUES/TOPICS* (Variable)
 Prerequisite: Permission of the Instructor.
 A study of intermediate chemical techniques and/or topics of interest to sophomores. May be repeated for credit.
- 341 *ORGANIC CHEMISTRY I* (4-3-5)
 Prerequisite: Chm. 102.
 A systematic study of the composition, nomenclature, preparations, and reactions of compounds of carbon. Reaction mechanisms will be introduced.

- 342 *ORGANIC CHEMISTRY II* (4-3-5)
Prerequisite: Chm. 341.
A continuation of Chm. 341.
- 344 *ORGANIC PREPARATIONS* (0-9-3)
Prerequisite: Chm. 342.
Laboratory preparations which are longer and more involved than in Chm. 341 and 342.
- 371 *GENERAL PHYSICAL CHEMISTRY* (5-0-5)
Prerequisite: Chm. 281, Chm. 342, Mat. 201.
An introduction to thermodynamics, kinetics, atomic and molecular structure, and related topics. NOT A SUBSTITUTE FOR CHM. 372.
- *372 *PHYSICAL CHEMISTRY I* (4-3-5)
Prerequisites: Chm. 281, Chm. 342, Mat. 204, Pcs. 212, Pcs. 213.
The first part of a three-quarter course which includes the study of physiochemical systems, thermodynamics, phase equilibria, chemical equilibria, kinetic theory, kinetics, electrochemistry, atomic and molecular structures, nuclear chemistry, photochemistry, and chemical statistics.
- *373 *PHYSICAL CHEMISTRY II* (4-3-5)
Prerequisite: Chm. 372.
A continuation of Chm. 372.
- *374 *PHYSICAL CHEMISTRY III* (4-3-5)
Prerequisite: Chm. 373.
A continuation of Chm. 373.
- 395 *CHEMICAL TECHNIQUES/TOPICS* (Variable)
Prerequisite: Permission of the Instructor.
A study of advanced chemical techniques and/or topics of interest to advanced students. May be repeated for credit.
- 421 *INORGANIC CHEMISTRY* (5-0-5)
Prerequisite: Permission of Instructor.
An introduction to the concepts and chemical systems of inorganic chemistry, including the periodic table, atomic structure, bonding, isomerism, and coordination compounds.
- 441 *ORGANIC QUALITATIVE ANALYSIS* (2-9-5)
Prerequisite: Chm. 281 and Chm. 342.
The identification of organic compounds.

*Offered in 1971-72 in the evening school, thereafter in the evening school in alternate years.

- 442 *ORGANIC CHEMISTRY III* (3-0-3)
 Prerequisite: Chm. 342.
 A continuation of Chm. 342.
- 461 *POLYMER CHEMISTRY* (Variable)
 Prerequisite: Permission of the Instructor.
 A study of kinetics of polymerization processes, polymer stereochemistry, methods of molecular weight determination, and physical properties of polymers.
- 481 *INSTRUMENTAL ANALYSIS* (2-8-5)
 Prerequisite: Chm. 373 concurrently or permission of Instructor.
 The theory and application of modern optical and electrical instruments in the processes of analytical, physical, and organic chemistry.
- 495 *SELECTED TOPICS* (Variable)
 Prerequisite: Permission of Instructor
 Modern concepts in special areas of chemistry. May be repeated for credit.
- 499 *UNDERGRADUATE RESEARCH* (Variable)
 Prerequisite: Permission of Department Chairman.
 Modern chemical research. A minimum of three hours work per week for each quarter hour credit. May be repeated for credit.

DRAMA (DRA)

Chairman: Fominaya. *Staff:* Kelly.

- 225 *INTRODUCTION TO THEATRICAL ARTS* (5-0-5)
 Prerequisite: Permission of Instructor
 A survey of the theatrical practice and techniques with an emphasis on traditional and modern theatre.
- 321 *THE ELEMENTS OF ACTING* (5-0-5)
 Prerequisite: Speech 301 or permission of Instructor.
 Fundamentals of acting, including pantomime and improvisations. Participation in Augusta College Theatre productions when required by Instructor.

DRAWING, ENGINEERING (DRW)

Chairman: Williams. *Staff:* Beckworth.

- 113 *ENGINEERING GRAPHICS I* (0-6-2)
 Topics of study include lettering; the use of instruments;

geometric construction; orthographic projection; emphasis on descriptive geometry concepts as applied to the solution of problems involving orthographic projection of solids, auxiliary views, and points, lines and planes.

114 *ENGINEERING GRAPHICS II* (0-6-2)

Prerequisite: Drawing 113.

Topics of study include the solution of problems involving points, lines, and planes by use of the revolution method; intersection of surfaces; development of surfaces; warped surfaces. Practical applications are emphasized.

115 *ENGINEERING GRAPHICS III* (0-6-2)

Prerequisite: Drawing 114.

Topics of study include sections and conventions; dimensioning; pictorial representation; detail sketches; shop processes; assembly drawings from detail sketches; working pictorial sketches; introduction to charts and graphs; reproduction processes, ink tracing on cloth, graphical calculus.

ECONOMICS (ECN)

Chairman: Pierce. *Staff:* Flynn, Godin, Hodges, Kaylor, Markwalder, Previts, Richardson, B. P. Smith, Whatley.

101 *PRINCIPLES OF ECONOMICS I* (5-0-5)

This introductory course explains the nature of the economic problem which any society must solve. Then the way in which a mixed enterprise economy solves this problem is examined. Topics covered include supply and demand, income and employment, money and banking, and fiscal policy.

102 *PRINCIPLES OF ECONOMICS II* (5-0-5)

Prerequisite: Economics 101.

This course is a continuation of Economics 101. It is largely concerned with explaining the equilibrium position of the firm in product and factor markets.

103 *ECONOMIC PROBLEMS* (5-0-5)

Prerequisite: Economics 102.

Basic economic principles applied to problems of the monetary system, interest, price movements, time-series analysis, economic development, monopoly, agriculture, labor, and international trade.

201 *ECONOMIC DEVELOPMENT OF THE UNITED STATES* (5-0-5)

Prerequisite: Economics 101.

Traces development of economic institutions and policies,

especially since 1860; deals with agriculture, manufacturing, commerce, transportation, money and banking, tariffs and the repercussions of periods of prosperity and depression.

305 *MONEY AND BANKING* (5-0-5)

Prerequisite: Economics 101.

The nature and functions of money; evolution of the American banking system, the commercial banking system, the Federal Reserve system and monetary policy.

311 *LABOR AND INDUSTRIAL RELATIONS* (5-0-5)

Prerequisite: Economics 102.

Structure and philosophy of unionism and collective bargaining, labor legislation, labor market, wages, hours, unemployment, and current problems and developments in labor.

315 *BUSINESS FINANCE* (5-0-5)

Prerequisites: Economics 102 and Bus. 212.

Structure of the corporate form of enterprise. Problems of organization, capitalization, financial administration, recapitalization, growth, and reorganization.

322 *MANAGERIAL ECONOMICS* (5-0-5)

Prerequisites: Economics 102; Bus. 212; Math. 221.

The economics of managerial decision. Short and long run planning, organization, control analyses of accounting and statistical data incorporated with pertinent economic theory.

421 *INVESTMENTS AND MARKET ANALYSIS* (5-0-5)

Prerequisite: Economics 315.

Selection and management of portfolios of individual and institutional investors. Procedures in buying and selling securities; security market operations and regulations.

425 *THEORY OF MONEY AND FINANCIAL INSTITUTIONS* (5-0-5)

Prerequisite: Economics 305.

Evaluation of current monetary theory and policy; central banking problems; flow-of-funds analysis of the financial system and its institutions and functional components.

431 *INTERNATIONAL ECONOMICS* (5-0-5)

Prerequisite: Economics 305.

The theory of international trade. The balance of payments, exchange rates, monetary problems, capital exchange and foreign trade policy.

440 *GOVERNMENT AND BUSINESS* (5-0-5)

Prerequisite: Ecn. 102 or permission of Instructor.

An analysis of the economics and law of government regula-

tion of business. While the primary emphasis is upon the economic aspects of federal antitrust administration, the effects of state and local regulatory activities are also explored.

451 *ECONOMIC THEORY I* (5-0-5)

Prerequisite: Economics 102.

Microeconomics. Theoretical analysis pertaining to production, value, distribution, pricing in competition and monopoly.

452 *ECONOMIC THEORY II* (5-0-5)

Prerequisite: Economics 305.

Macroeconomics. Study of aggregative economic analysis. Income determination and measurement and analysis of national income level and fluctuations in economic activity.

461 *EVOLUTION OF ECONOMIC THOUGHT* (5-0-5)

Prerequisite: Economics 201.

Study of the development of economic ideas from the mercantilists to twentieth century economists. Emphasis on classical and neo-classical tradition.

471 *PUBLIC FINANCE* (5-0-5)

Prerequisite: Economics 305 and Math. 221.

Public expenditures and revenues, taxation, public debt and fiscal policy are studied in relation to economic stability and growth.

495 *SELECTED TOPICS IN CONTEMPORARY ECONOMIC THEORY AND POLICY* (Variable or 5-0-5)

Prerequisite: Completion of Junior Core Curriculum or permission of Instructor.

The application of economic theory to public policy issues. Topics covered will normally include: monopoly and competition, monetary and employment policy, regional economic development, agricultural economics, labor problems, or other selected subjects of current interest.

EDUCATION (EDU)

Chairman: Dye. *Staff:* Adams, Bull, Hargrove, McMillan, Stewart, Tubbs.

204 *FOUNDATIONS OF EDUCATION* (5-0-5)

An introduction to public school teaching, including the study of duties and responsibilities of teachers, state public school programs, development of the American school, and philosophies of education.

- 302 *HUMAN DEVELOPMENT IN THE EDUCATIVE PROCESS* (5-0-5)
A study of the individual from birth to adulthood with reference to maturation of learning and behavior, mental hygiene and problems of adjustment. The student will participate in approved community activity, working with and observing children.
- 304 *EDUCATIONAL PSYCHOLOGY* (4-2-5)
Application of psychology to the teaching-learning situation. Special emphasis on theories of learning, motivation, measurements, personality development, and individual difference.
- 330 *EARLY ELEMENTARY EDUCATION* (4-2-5)
Prerequisite: Education 304.
A study of the curricula needs of children of the early elementary school with special emphasis upon the kindergarten. A study is made of techniques and materials appropriate for use with children in the designated age groups.
- 333 *CHILD GUIDANCE* (5-0-5)
Prerequisite: Education 330 or permission of Instructor.
The principles and techniques for guidance of young children. Designed to acquaint teachers with the nature of guidance and its application at the early elementary education level.
- 335 *ELEMENTARY SCHOOL CURRICULUM* (2-0-2)
Prerequisite: Education 304.
Determining curriculum content and planning instructional programs in the elementary school.
- 337 *THE AMERICAN HIGH SCHOOL CURRICULUM* (4-2-5)
Prerequisite: Education 304.
Determining curriculum content and planning instructional programs in the secondary school based on pupil needs and system requirements.
- 343 *PARENT EDUCATION* (5-0-5)
Working philosophy for parent education; skills in procedure and techniques for working with parents. Opportunity for observation and participation with parent groups, parent conferences, and home visitations.
- 351 *THE TEACHING OF READING* (3-4-5)
Prerequisite: Education 304 and 335.
A systematic coverage of the teaching of reading, including methods, techniques, and materials.

- 352 *TEACHING LANGUAGE ARTS* (2-2-3)
 Prerequisite: Education 304.
 Concerned with the procedures involved in the development of listening, speaking, and writing skills of children. Stresses effective use of language in oral written communication. *To be scheduled concurrently with Education 335.*
- 353 *TEACHING ELEMENTARY MATHEMATICS AND SCIENCE* (2-2-3)
 Prerequisite: Education 304.
 Considers objectives, content, materials, methods of instruction, problem solving and computation, adapting instruction to individual needs, and evaluation, plus experimentation in science.
- 354 *TEACHING ELEMENTARY SOCIAL STUDIES* (2-0-2)
 Consideration of objectives, content, and procedures with emphasis on unit teaching. Deals with human relationships, social problems, process of investigation, and problem-solving skills. *To be scheduled concurrently with Education 353.*
- 404 *EDUCATIONAL MEASUREMENT* (5-0-5)
 Prerequisite: Education 304
 Construction; use; and interpretation of teacher-made and standardized tests.
- 422 *PROBLEMS IN READING* (3-4-5)
 Prerequisites: Education 351 or 337.
 An examination of problem areas of effective reading instruction. Emphasis on word attack skills, comprehension skills, including vocabulary building and study skills; additional emphasis on supplementary materials in the reading program.
- 435-436 *STUDENT TEACHING* (0-30-12)
 Prerequisite: Education 335 or 456.
 Prospective teachers are placed in selected schools for an entire quarter, during which time they are supervised in actual teaching in their chosen teaching field.
- 437 *PRACTICUM WITH EDUCABLE MENTALLY RETARDED* (0-10-5)
 Prerequisite: Education 435 or 436
 Orientation, Observation, and Teaching with EMR pupils.
- 451 *EDUCATION WORKSHOP FOR ELEMENTARY TEACHERS* (10-0-10)
 A problems course in curriculum and methods designed for in-service teachers. Teachers having satisfactorily completed other professional requirements for certification and having at least

one year of full-time teaching experience may register for this experience in lieu of student teaching.

- 452 *EDUCATION WORKSHOP FOR HIGH SCHOOL TEACHERS* (10-0-10)
A problems course in curriculum and methods designed for in-service teachers. Teachers having satisfactorily completed other professional requirements for certification and having at least one year of full-time teaching experience may register for this experience in lieu of student teaching.
- 456 *SECONDARY SCHOOL MATERIALS AND METHODS* (2-2-3)
Prerequisite: Education 337.
Review and study of the basic methods of instruction; criteria of selection and utilization of instructional materials; integration of methods and media.
- 460 *EDUCATION OF EXCEPTIONAL CHILDREN* (3-4-5)
A survey course which deals with the general problems involved in the education of exceptional children.
- 461 *INTRODUCTION TO MENTAL RETARDATION* (3-4-5)
Prerequisite: Education 460.
A study of historical treatment of MR as well as etiology and characteristics of the MR; methods of diagnosing and working with MR pupils.
- 462 *CURRICULUM AND TEACHING OF EDUCABLE MENTALLY RETARDED* (3-4-5)
Prerequisite: Education 460-461.
A course designed to give background in curriculum and development and approaches used in teaching EMR pupils.
- 491 *SEMINAR IN ELEMENTARY EDUCATION* (3-0-3)
Scheduled concurrently with Education 435. Study and discussion of problems emerging from experiences in student teaching; planning school programs; place and responsibility of teacher in school.
- 491s *SEMINAR IN SPECIAL EDUCATION* (3-0-3)
Exploration and clarification of questions important to the teacher of exceptional children; current literature.
- 492 *SEMINAR IN SECONDARY EDUCATION* (3-0-3)
Scheduled concurrently with Education 436. Study and discussion of problems emerging from experiences in student teaching; planning school programs; place and responsibility of teacher in school.

495 *SELECTED TOPICS* (Variable)

Seminar and/or directed study on major issues, practices and research in education. May be repeated for credit.

ENGLISH (ENG)

Chairman: W. Johnson. *Staff:* Atkins, DuBose, Freeman, Glassheim, Huffstetler, R. Johnson, Kosinski, Meinhold, Moore, McLoughlin, Riley, Silverstein, J. H. Smith, St. John, Willig, Yonce.

101 *COLLEGE COMPOSITION I* (5-0-5)

Instruction in reading and writing essays. The course emphasizes critical thinking, coherent development of ideas, and clarity of expression.

102 *COLLEGE COMPOSITION II* (5-0-5)

Further instruction in the principles of good writing; introduction to drama, fiction, and poetry; techniques of writing the research paper.

111 *FRESHMAN ENGLISH* (5-0-5)

Admission only by invitation of the Department. The course combines the work of English 101-102 and, when successfully completed, carries an additional award of five quarter hours credit.

English 101-102 or 111 is prerequisite for English 301; English 101-102 or 111 and Humanities 221-222-223 are prerequisites for all other 300 and 400 series courses.

301 *TECHNICAL AND BUSINESS WRITING* (5-0-5)

The technique of exposition applied to letters and memoranda and to business and technical reports.

309 *HISTORY OF THE ENGLISH LANGUAGE* (5-0-5)

Anglo-Saxon to the Modern Period.

313 *ANGLO-SAXON AND MEDIEVAL LITERATURE* (5-0-5)

A study of English and European medieval literature: epic, romance, drama, and the lyric.

321 *16th-CENTURY ENGLISH LITERATURE I* (5-0-5)

Non-dramatic literature of the English Renaissance.

322 *16th-CENTURY ENGLISH LITERATURE II* (5-0-5)

Drama of the English Renaissance excluding Shakespeare.

- 331 *17th-CENTURY ENGLISH LITERATURE* (5-0-5)
Stuart and Commonwealth writers, including Donne, Herbert, Vaughan, Crashaw, Jonson, Herrick.
- 341 *18th-CENTURY ENGLISH LITERATURE I* (5-0-5)
Restoration and 18th century poetry with emphasis on Dryden and Pope; Swift's satires; selections from Dr. Johnson and Boswell.
- 342 *18th-CENTURY ENGLISH LITERATURE II* (5-0-5)
Restoration and 18th century drama; the English novel from Defoe through Sterne.
- 352 *ROMANTICISM I* (5-0-5)
A survey of the first stage of the Romantic Movement in England: pre-romantic elements; emphasis on the writings of Burns, Blake, Coleridge, Wordsworth, and Scott.
- 353 *ROMANTICISM II* (5-0-5)
A survey of the second stage of the Romantic Movement in England: emphasis on the work of Byron, Shelley, Keats, Peacock, Carlyle, and the Brontë sisters.
- 354 *VICTORIAN POETRY AND BACKGROUNDS* (5-0-5)
A survey of major poets and movements in English poetry from the 1830's to the 1890's: Tennyson, Browning, Arnold, Swinburne, Morris, and D. G. Rossetti; the Pre-Raphaelites, the Aesthetes, and the Decadents.
- 355 *VICTORIAN FICTION* (5-0-5)
Emphasis on the novels of Dickens, Eliot, Thackeray, Trollope, and Hardy. Fictional technique.
- 361 *MODERN BRITISH LITERATURE I* (5-0-5)
The principal authors from 1885 to the present.
- 362 *MODERN BRITISH LITERATURE II* (5-0-5)
English 361 continued.
- 371 *AMERICAN LITERATURE I* (5-0-5)
The major writers before 1860.
- 372 *AMERICAN LITERATURE II* (5-0-5)
The major writers since 1860.
- 375 *MODERN AMERICAN NOVEL* (5-0-5)
A study of several major American novels written since World War I, including works by such novelists as Hemingway, Fitzgerald, Faulkner, West, and Bellow.

- 381 *CHILDREN'S LITERATURE* (5-0-5)
Designed for teachers in elementary school program.
Types of literature for pre-school and elementary school age groups will be studied.
- 382 *TEACHING HIGH SCHOOL ENGLISH* (5-0-5)
A consideration of the problems involved in teaching language, literature, and composition at the high school level.
- 383 *INTRODUCTION TO LINGUISTICS* (5-0-5)
The fundamentals of descriptive and structural linguistics: phonemes and phonemic transcription; morphology and syntax, and transformational grammar.
- 385 *ADVANCED COMPOSITION* (5-0-5)
Emphasis on stylistic analysis and structural problems. Recommended for students planning a career teaching English at either the secondary or college level.
- 386 *WRITING* (5-0-5)
Study and application of the techniques of prose and drama.
- 391 *LITERARY CRITICISM* (5-0-5)
The major critics from Aristotle to T. S. Eliot.
Emphasis on the development of various 20th-century critical positions.
In general, a student enrolling in any of the following major author courses should have completed one 300 series course in the same historical period.
- 411 *CHAUCER* (5-0-5)
The Canterbury Tales, Troilus and Criseyde, and some minor poems.
- 421 *SHAKESPEARE I* (5-0-5)
The major histories, comedies and tragedies; the Elizabethan theatre.
- 422 *SHAKESPEARE II* (5-0-5)
English 421 continued, but not prerequisite.
- 423 *STUDIES IN SHAKESPEARE* (5-0-5)
An examination of special Shakespearean topics.
- 425 *STUDIES IN 16th-CENTURY LITERATURE* (5-0-5)
An intensive study of selected authors.

- 431 *MILTON* (5-0-5)
The major and minor poems and selected prose.
- 441 *18th-CENTURY TOPICS* (5-0-5)
A study of major authors and special problems.
- 451 *19th-CENTURY TEXTS* (5-0-5)
An intensive study of works by several authors.
- 461 *CONTEMPORARY TEXTS* (5-0-5)
A close textual examination of selected contemporary writers.
- 471 *STUDIES IN AMERICAN LITERATURE* (5-0-5)
Prerequisite: Permission of Instructor.
Concentration on specific topics (such as Black Literature), literary movements (The Rise of Realism, The Muckrakers), or representative writers (Melville, Mailer). Variable content.

FRENCH (FR)

Chairman: Duncan. *Staff:* Avril, Wise.

- 101 *ELEMENTARY FRENCH I* (5-1-5)
(A course designed primarily for students without previous experience in the study of French. Students presenting two or more high school units in French are not permitted to take this course for college credit without written permission from the Chairman of the Department of Modern Languages).
Drill in pronunciation, fundamentals of grammar, simple reading and translations, oral and written exercises, vocabulary building. Students in this course are required to spend a minimum of one hour per week in the language laboratory.
- 102 *ELEMENTARY FRENCH II* (5-1-5)
Prerequisite: French 101.
A continuation of French 101.
- 201 *INTERMEDIATE FRENCH I* (5-1-5)
Prerequisite: French 101-102 or two units of high school French.
Review of French grammar; reading and translation of various types of French literature. Emphasis on oral expression and aural comprehension.
- 202 *INTERMEDIATE FRENCH II* (5-0-5)
Prerequisite: French 201 or equivalent.
A continuation of French 201.
NOTE: The above courses are considered service courses and

are not to be included in the 25 hours required for a minor in French. The minor in French will normally consist of FR 211, FR 301, FR 302, and 10 additional hours in courses at the 300-400 level. A grade of C or higher must be earned in each of the courses to be credited toward the minor.

- 211 *CONVERSATIONAL FRENCH* (*)
 Prerequisites: French 201-202 or equivalent.
 A course designed to promote the student's ability to express himself correctly in spoken and written French; emphasis on conversation and composition.
- 301 *SURVEY OF FRENCH LITERATURE I* (5-0-5)
 Prerequisite: French 201-202 or permission of the Instructor.
 A study of representative works of prose, poetry, and drama from the Middle Ages to the French Revolution.
- 302 *SURVEY OF FRENCH LITERATURE II* (5-0-5)
 Prerequisite: French 201-202 or permission of the Instructor.
 A study of representative works of prose, poetry, and drama from the French Revolution to the present time.
- 305 *FRENCH CULTURE AND CIVILIZATION* (5-0-5)
 Prerequisite: French 201-202 or permission of the Instructor.
 A study of French life and culture with emphasis on the contributions of France to world civilization.
- 430 *THE ROMANTIC MOVEMENT IN FRANCE* (5-0-5)
 Prerequisites: French 301-302.
 Precursors of the movement (Rousseau, Prévost, Chateaubriand, Madame de Stael). Foreign influences, manifestoes, and cenacles. Analysis of representative works in the novel, drama, and poetry.
- 434 *THE NOVEL IN FRANCE AFTER 1830* (5-0-5)
 Prerequisites: French 301-302.
 Analysis of representative works by major French novelists. Special attention given to the works of Balzac, Stendhal, Flaubert, the Goncourts, Zola, France, Gide, Proust, Malraux, Mauriac, Sartre, and Camus.
- 441 *FRENCH DRAMA OF THE SEVENTEENTH CENTURY* (5-0-5)
 Prerequisites: French 301-302.
 Development of the classic tragedy. Analysis of the major works of Pierre Corneille, Racine, and Molière.

*Denotes five quarter hours credit, however lecture and laboratory hours are not fixed.

- 442 *FRENCH DRAMA AFTER 1850* (5-0-5)
 Prerequisites: French 301-302.
 The Social Drama of Dumas *fils* and Augier. The *Théâtre Libre* of Antoine and Becque. Major dramatists of the twentieth century including representatives of the avant-garde theatre and the cinema.
- 456 *TEACHING ROMANCE LANGUAGES* (3-0-3)
 A study of problems, materials, and techniques of teaching foreign languages in secondary school.
- 461 *FRENCH LITERATURE IN THE EIGHTEENTH CENTURY* (5-0-5)
 Prerequisites: French 301-302.
 The growth of rationalism and *sensibilité*. The *Philosophes* and the *Encyclopédistes*. The tearful comedy and dramatic works of Lesage, Marivaux, Voltaire, and Beaumarchais. The melodrama.
- 471 *FRENCH POETRY* (5-0-5)
 Prerequisites: French 301-302.
 A survey of French poetry from the *chansons de geste* of the Middle Ages to the present time. Special attention given to types of verse, poetic theories and techniques, and interpretation.
- 481 *ADVANCED CONVERSATION AND COMPOSITION* (*)
 Prerequisite: French 211.
 Comprehensive review of French grammar and syntax. Vocabulary building. Oral and written reports.
- 491-492-493 *STUDY ABROAD* (15 credit hours)
 Prerequisites: FR 211 and junior or senior standing.
 The study of French language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Program.
- 495 *SELECTED TOPICS* (Variable)
 Prerequisites: Senior standing and permission of the Department Chairman.
 A variable-content course, intended to meet the interest of senior students desiring to make an intensive study of some special areas of French language or literature. May be repeated for credit.

*Denotes five quarter hours credit, however lecture and laboratory hours are not fixed.

GEOGRAPHY (GGY)

Chairman: Bowsher. *Staff:* Woodward.

101 *PHYSICAL GEOGRAPHY* (5-0-5)

A survey of physical geography.

At the level of: Strahler, *Introduction to Physical Geography*.

GEOLOGY (GLY)

Chairman: Bowsher. *Staff:* Cooke.

101 *HISTORICAL GEOLOGY* (3-4-5)

A study of geologic principles applicable to earth history. Includes basic stratigraphy and paleontology, and survey of major geologic periods. This course is not intended to partially satisfy the science-core requirements. It is designed primarily to be taken as an elective by biology and sociology majors.

GERMAN (GER)

Chairman: Duncan. *Staff:* Strong.

101 *ELEMENTARY GERMAN I* (5-1-5)

Fundamentals of grammar, pronunciation, conversation, composition, reading and translation.

102 *ELEMENTARY GERMAN II* (5-1-5)

Prerequisite: German 101.

A continuation of German 101.

201 *INTERMEDIATE GERMAN I* (5-1-5)

Prerequisite: German 101-102 or two units of high school German.

Review of German grammar, reading and translation of various types of German. Emphasis on oral expression and aural comprehension.

202 *INTERMEDIATE GERMAN II* (5-0-5)

Prerequisite: German 201.

A continuation of German 201.

211 *CONVERSATIONAL GERMAN* (5-0-5)

Prerequisite: German 202.

Emphasis on conversation and composition.

491-492-493 *STUDY ABROAD* (15 credit hours)

Prerequisites: GER 211 and junior or senior standing.

The study of German language and culture in a native environ-

ment. Designed specifically for students participating in the University System of Georgia Study Abroad Program.

HISTORY (HIS)

Chairman: Billman. *Staff:* Cashin, German, Holsten, Ramage, Saggus, Taylor.

All students receiving a baccalaureate from Augusta College are required to present credits in His 211 or 212. Transfer students from without the State may present the equivalent of His 211 or 212 and in addition, His 479, or pass the exemption examination in Georgia History.

115 *WESTERN CIVILIZATION I* (5-0-5)

An introduction to the institutions and ideas that have played a prominent role in the Western World from pre-history to mid-17th century.

116 *WESTERN CIVILIZATION II* (5-0-5)

A continuation of His 115. From mid-17th century to the present.

211 *AMERICAN HISTORY I: THE UNITED STATES TO 1877* (5-0-5)

A study of the colonial foundations, the American Revolution, the founding of the government of the United States, and the development of nationalism, sectionalism, and democracy through the period of the Civil War, and Reconstruction.

212 *AMERICAN HISTORY II: THE UNITED STATES SINCE 1877* (5-0-5)

The United States from the end of Reconstruction to the present time.

311 *HISTORY OF ENGLAND TO 1689* (5-0-5)

Prerequisite: Permission of the Instructor.

The development of England with particular emphasis upon the succession of dynasties after the Norman conquest, and the early origins of constitutional, economic, and social institutions.

312 *HISTORY OF ENGLAND FROM 1689 TO THE PRESENT* (5-0-5)

Prerequisite: Permission of the Instructor.

Constitutional developments, rise of parliamentary supremacy, impact of the Industrial Revolution, and institutional and social reforms in the 19th and 20th centuries.

- 321 *RENAISSANCE AND REFORMATION, 1350 TO 1648* (5-0-5)

Prerequisite: His. 115.

A study of new aesthetic social and religious attitudes, significant changes in political theory and economical activities, leading to the religious and political upheavals of the 16th and 17th centuries.

- 325 *AGE OF REASON AND ENLIGHTENMENT, 1648 TO 1789* (5-0-5)

Prerequisites: His 115 and 116, or equivalents.

European institutions and ideas emphasized. Attention given to the emergence of Russia and Prussia as important states, and the Franco-British struggle for commercial and colonial empires.

- 331 *FRENCH REVOLUTION AND NAPOLEON* (5-0-5)

Prerequisites: His. 115 and 116, or equivalents.

A study of the great political and social upheavals in France. Emphasis given to the impact of the Revolution and Napoleon upon France.

- 335 *NINETEENTH CENTURY EUROPE* (5-0-5)

Prerequisite: Permission of the Instructor.

The rise of nationalism, liberalism, and democracy; the industrialization of society, origins and evolution of socialist thought and action; the progress of science; the "new imperialism", and systems of alliances which preceded WWI.

- 337 *TWENTIETH CENTURY EUROPE* (5-0-5)

Prerequisite: Permission of the Instructor.

A history of Europe from the New Imperialism to the present. The main political, social, economic, intellectual, and international movements will be stressed.

- 371 *SOCIAL AND INTELLECTUAL HISTORY OF THE UNITED STATES TO 1870* (formerly 451) (5-0-5)

Prerequisite: Permission of the Instructor.

The dominant emphasis given to the development of the changing American ideologies.

- 372 *SOCIAL AND INTELLECTUAL HISTORY OF THE UNITED STATES SINCE 1870* (formerly 451) (5-0-5)

Prerequisite: Permission of the Instructor.

The changing cultural, intellectual, and ideological sophistication during the past century.

- 373 *UNITED STATES DIPLOMATIC HISTORY TO 1898* (formerly 453) (5-0-5)
 Prerequisite: Permission of the Instructor.
 A general introduction to the nation's foreign relations with special attention to principles of foreign policy established in the 19th century.
- 374 *UNITED STATES DIPLOMATIC HISTORY FROM 1898 TO THE PRESENT* (formerly 454) (5-0-5)
 Prerequisite: Permission of the Instructor.
 The emergence of the United States as a world power with an intensive study of the forces that have shaped the nation's foreign policy.
- 381 *COLONIAL LATIN AMERICA* (5-0-5)
 Prerequisite: Permission of the Instructor.
 The sedentary pre-Columbians, Iberian backgrounds, explorations, conquests, and colonial institutions in Hispanic America through the wars of Independence.
- 382 *LATIN AMERICA IN THE 19th AND 20th CENTURIES* (5-0-5)
 Prerequisite: Permission of the Instructor.
 The national histories of the Latin American States with special attention to the ABC Powers, Colombia and Venezuela.
- 391 *EAST ASIA FROM ANTIQUITY TO 1850* (5-0-5)
 A survey of Chinese and Japanese Civilizations emphasizing cultural institutions. *Open to upper-classmen.*
- 392 *EAST ASIA FROM 1850 TO THE PRESENT* (5-0-5)
 The major domestic and foreign policy changes in China and Japan in reaction to Western encroachment. *Open to upper-classmen.*
- 411 *ECONOMIC HISTORY OF EUROPE, 1500 TO THE PRESENT* (5-0-5)
 Prerequisite: Permission of the Instructor.
 Economic theories and systems, and their development in the major continental powers including England.
- 417 *RUSSIAN HISTORY TO 1905* (5-0-5)
 Prerequisite: Permission of the Instructor.
 The development of Russia from the Kievan State through the Russo-Japanese War.

- 418 *RUSSIAN HISTORY FROM 1905 TO THE PRESENT* (5-0-5)

Prerequisite: Permission of the Instructor.

The revolutions of 1905 and 1917. Development of the Soviet state and its foreign policy from 1917 to the present.

- 421 *THE BRITISH EMPIRE AND COMMONWEALTH* (5-0-5)

Britain as an imperial power and the emergence of the Commonwealth. *Open to upper-classmen.*

- 456 *TEACHING SECONDARY HISTORY* (3-0-3)

The course acquaints the student with the objectives of the various disciplines which are concerned with the study of society and deals with their integration and presentation in the secondary school classroom.

- 471 *AMERICAN COLONIAL HISTORY* (formerly 455) (5-0-5)

Prerequisite: Permission of the Instructor.

An intensive study of the colonization of the Atlantic seaboard of North America. Full treatment given to international rivalries, diplomacy, westward expansion, the Revolution, and emergence of the new nation.

- 473 *THE UNITED STATES FROM INDEPENDENCE TO 1850*
(formerly 351) (5-0-5)

Prerequisite: His. 211 or equivalent.

The development of American institutions during the Federalist, Jeffersonian, and Jacksonian periods.

- 475 *CIVIL WAR AND RECONSTRUCTION* (formerly 353)
(5-0-5)

Prerequisites: His. 211.

An intensive study of the forces which led to the war for southern independence, and to the military, diplomatic, and political aspects of the war. Re-entry of the South into the life of the nation treated in detail.

- 476 *THE NEW SOUTH, 1877 TO THE PRESENT*
(formerly 356) (5-0-5)

Prerequisite: Permission of the Instructor.

An examination of the economics and social changes in the former Confederate states plus Kentucky and Oklahoma.

- 477 *THE UNITED STATES SINCE 1877* (5-0-5)

Prerequisite: Permission of the Instructor.

From the end of Reconstruction to the present with special emphasis on internal reforms.

- 479 *HISTORY OF GEORGIA* (formerly 361) (5-0-5)
 The economic, social, cultural, and political development of Georgia from its founding as a colony to the present. Open to all students above the Freshman level. *A satisfactory grade will exempt a student from the requirement of passing an examination on the History of Georgia.*
- 481 *HISTORY OF MEXICO, FROM ANTIQUITY TO THE PRESENT* (5-0-5)
 Pre-Cortesian civilizations, Spanish conquest, colonial institutions, independence, and special emphasis on Mexico since 1917. *Open to upper-classmen.*
- 495 *SELECTED TOPICS* (Variable)
 Prerequisite: Permission of the Department Chairman.
 Designed primarily for graduating seniors who plan to teach and/or pursue graduate study. May be repeated for credit.
- 499 *UNDERGRADUATE RESEARCH* (Variable)
 Prerequisite: Permission of the Department Chairman.
 For juniors and seniors only. Methods of historical research and various aids, as well as the generally accepted usages in historical composition.

HUMANITIES (HUM)

Co-Chairman: Fominaya, Johnson. *Staff:* Atkins, Bindler, Cowling, Freeman, Glassheim, Huffstetler, Jacobs, R. Johnson, Jones, Meinhold, Moore, McLoughlin, Rockholt, Silverstein, J. H. Smith, St. John, Willig, Yonce.

221-222-223 *HUMANITIES* (15-0-15)

Prerequisites: English 101-102.

The development of the intellectual, literary, and aesthetic traditions of the Western world. The course comprises analysis and discussion of representative works of literature, art, and music from the time of Homer to the present day. Students meet with the Department of English three days per week and with the Department of Fine Arts two days per week.

221 Greece and Rome

222 Middle Ages to the Age of Reason

223 The Modern World

Humanities 221 is prerequisite to Humanities 222, 223.

JOURNALISM (JRL)

- 101 *INTRODUCTION TO JOURNALISM* (5-0-5)
A survey of mass communication media, emphasizing the press. Special techniques of journalistic composition.

LIBRARY SCIENCE (LIB)

Chairman: Rowland. *Staff:* Sawyer.

- 303 *REFERENCE SERVICES* (5-0-5)
Prerequisite: Senior-college standing or consent of Instructor.
A study of reference sources and use of library as an information laboratory.
- 304 *BOOK SELECTION* (5-0-5)
Prerequisite: Senior-college standing or consent of Instructor.
A study of selection aids, book publishers and standards useful in building library collections.
- 305 *ADMINISTRATION OF THE SMALL LIBRARY* (5-0-5)
Prerequisite: Senior-college standing or consent of Instructor.
A study of organization and administration of a small library, including housing, equipment, staff, public relations and other aspects of library management.
- 306 *CATALOGING AND CLASSIFICATION* (5-0-5)
Prerequisite: Senior-college standing or consent of Instructor.
Instruction and practice in the organization of library materials based on the Dewey Decimal Classification.

MATHEMATICS (MAT)

Chairman: Williams. *Staff:* Bompart, Breen, Brown, Bryan, Burd, Maynard, Townsend, A. J. Turner.

- 101 *FRESHMAN MATHEMATICS I* (5-0-5)
A study of various numeration methods, introduction to set theory, mathematical systems, symbolic logic and truth tables, and analytic geometry.
Text: Miller and Heeren, *Mathematical Ideas: An Introduction*.

- 102 *FRESHMAN MATHEMATICS II* (5-0-5)
 Prerequisite: Mathematics 101 or equivalent.
 Probability, statistics, matrix theory, introduction to computers, and topics from geometry.
 Text: Miller and Heeren, *Mathematical Ideas: An Introduction*.
- 111 *PRECALCULUS MATHEMATICS* (5-0-5)
 A study of the number system under the modern approach, theory of equations, permutations, combinations, binomial theorem, sequences including arithmetic and geometric progressions, exponential and logarithmic functions, trigonometric functions with emphasis on the Trigonometric Point.
 Text: Munem and Yizze, *Functional Approach To Precalculus*.
- 121 *FINITE MATHEMATICS I* (5-0-5)
 Introduction to functional notation, curve fitting with emphasis on conics as applied to problems of business and economics, introduction to differential calculus.
 Text: Bowen, *Mathematics With Applications in Management and Economics*.
- 122 *FINITE MATHEMATICS II* (5-0-5)
 Prerequisite: Mathematics 121 or equivalent.
 Factors, matrices and matrix notation, linear equation systems, linear programming, differential and integral calculus, as applied to the problems of business and economics.
 Text: Bowen, *Mathematics With Applications in Management and Economics*.
- 201 *CALCULUS AND ANALYTIC GEOMETRY I* (5-0-5)
 Prerequisite: Mathematics 111 or equivalent.
 Elements of plane analytic geometry, including the conic sections; an introduction to calculus with emphasis on the concept of limits, continuity and derivative of a function; differentiation of algebraic functions; application of differentiation.
 Text: Leithold, *The Calculus With Analytic Geometry*.
- 202 *CALCULUS AND ANALYTIC GEOMETRY II* (5-0-5)
 Prerequisite: Mathematics 201.
 The indefinite and definite integrals, areas, volumes, arc lengths, applications of integration to physics; polar coordinates, transcendental functions.
 Text: Leithold, *The Calculus With Analytic Geometry*.

- 203 *CALCULUS AND ANALYTIC GEOMETRY III* (5-0-5)
 Prerequisite: Mathematics 202.
 Hyperbolic functions, formal integration, vectors and parametric equations, determinants and linear equations, solid analytic geometry.
 Text: Leithold, *The Calculus With Analytic Geometry*.
- 204 *CALCULUS AND ANALYTIC GEOMETRY IV* (5-0-5)
 Prerequisite: Mathematics 203.
 Partial differentiation, multiple integrals with applications, infinite series.
 Text: Leithold, *The Calculus With Analytic Geometry*.
- 205 *MATHEMATICS OF FINANCE* (5-0-5)
 Prerequisite: Mathematics 101.
 A foundation in arithmetic and algebraic operations. Includes items on income, fundamental statistical methods, simple and compound interest, bank discount, long term investments.
 (Not to be counted toward a major or minor in mathematics.)
 Text: Shao, *Mathematics for Management and Finance*.
- 221 *ELEMENTARY STATISTICS* (5-0-5)
 Prerequisite: Permission of Instructor.
 A course dealing with elementary theory and applications, with special emphasis on the mathematical development of frequency curves, correlation, sampling, etc. (Not to be counted toward a mathematics major or minor except for prospective elementary school teachers.)
 Text: Huntsberger, *Elements of Statistical Inference*.
- 302 *DIFFERENTIAL EQUATIONS* (5-0-5)
 Prerequisite: Mathematics 204 or permission of the Instructor.
 Ordinary differential equations with applications to mechanics, geometry, and physics; solution of linear differential equations by Laplace Transformation; series solutions; solutions of partial differential equations by separation of variables.
 Text: Spiegel, *Applied Differential Equations*.
- 321 *MODERN ABSTRACT ALGEBRA I* (5-0-5)
 Prerequisite: Mathematics 202 or permission of the Instructor.
 Construction of number systems. Basic mathematical ideas which determine the structure of elementary algebra. Definitions and fundamental properties of rings, fields, and integral domains.
 Text: Whitesitt, *Principles of Modern Algebra*.

- 322 *MODERN ABSTRACT ALGEBRA II* (5-0-5)
 Prerequisite: Mathematics 321.
 Further study of rings and fields, study of groups, vector spaces, linear transformations, and polynomials with real coefficients.
 Text: Whitesitt, *Principles of Modern Algebra*.
- 325 *PROBABILITY AND STATISTICS* (5-0-5)
 Prerequisite: Mathematics 203.
 Permutations and combinations, discrete and continuous probability distributions, moment generating functions, the random variable, expected values, variance and covariance, tests of hypotheses.
 Text: Freund, *Mathematical Statistics*.
- 331 *THEORY OF NUMBERS* (5-0-5)
 Prerequisite: Mathematics 321 or permission of Instructor.
 Elementary properties of integers, divisibility, Euclid's Algorithm. Diophantine equations, prime numbers, congruences, residues.
 Text: Long, *Elementary Introduction to Number Theory*.
- 335 *AN INTRODUCTION TO PROGRAMMING FOR ELECTRONIC DIGITAL COMPUTERS* (4-2-5)
 Prerequisite: Mathematics 101 or permission of Instructor.
 This course is intended as an introduction to modern digital computing systems and the various programming languages. Basic machine languages, with special emphasis on Fortran, operation of unit record equipment, and programming test procedures including input-output capabilities. Four hours of lecture and one two-hour laboratory period per week. (Not to be counted toward a major in mathematics.)
 Text: Anderson, *Computer Programming Fortran IV*.
- 341 *HISTORY OF MATHEMATICS* (5-0-5)
 Prerequisite: Mathematics 202.
 A study of the nature and historical origin of Mathematics. Analysis of the concepts of algebra, trigonometry and calculus. Solution of problems pointed toward appreciation of early mathematical developments.
 Text: Boyer, *A History of Mathematics*.
- 381 *LINEAR ALGEBRA I* (5-0-5)
 Prerequisite: Mathematics 321-322 and/or permission of the Instructor.
 A study of vector spaces with emphasis on finite-dimensional

vector spaces, linear transformations, matrices, and linear equations and determinants.

Text: Finkbeiner, *Introduction to Matrices and Linear Transformations*.

382 *LINEAR ALGEBRA II* (5-0-5)

Prerequisite: Mathematics 381.

A study of equivalence relations on matrices, canonical form, conjugate bi-linear forms, inner product and certain related metric concepts, some applications of linear algebra.

Text: Finkbeiner, *Introduction to Matrices and Linear Transformations*.

401 *MATHEMATICAL ANALYSIS I* (5-0-5)

Prerequisite: Mathematics 321-322 and/or permission of the Instructor.

A study of some topology of real numbers, sets, functions, limits, sequences and series of real numbers.

Text: Goldberg, *Methods of Real Analysis*.

402 *MATHEMATICAL ANALYSIS II* (5-0-5)

Prerequisite: Mathematics 401.

A study of continuous and discontinuous functions on metric spaces, connectedness, compactness, completeness, the Riemann integral, differentiation.

Text: Goldberg, *Methods of Real Analysis*.

403 *MATHEMATICAL ANALYSIS III* (5-0-5)

Prerequisite: Mathematics 402.

A study of the elementary functions, further topics in sequence and series including sequences and series of functions, Lebesgue integration.

Text: Goldberg, *Methods of Real Analysis*.

425 *FUNDAMENTAL IDEAS OF ARITHMETIC FOR ELEMENTARY TEACHERS* (5-0-5)

Development of the various number systems, number bases, arithmetic processes, approved methods of introducing arithmetic ideas. (Not to be counted toward a major in Mathematics.)

Text: Wheeler, *Modern Mathematics: An Elementary Approach*.

431 *MODERN GEOMETRY* (5-0-5)

Prerequisite: Mathematics 321 or permission of the Instructor.

A modern treatment of geometry primarily from the metric approach but with some reference to the Euclidean synthetic

approach. Parallelism, similarity, area, constructions, non-Euclidean and finite geometries.

Text: Moise, *Elementary Geometry from an Advanced Standpoint*.

451 *COMPLEX VARIABLES* (5-0-5)

Prerequisite: Mathematics 204.

A study of the field of complex numbers, elementary functions of a complex variable, limits, derivatives, analytic functions, mapping by elementary functions, integrals, power series, residues and poles.

Text: Churchill, *Complex Variable and Applications*.

456 *METHODS OF TEACHING SECONDARY MATHEMATICS* (3-0-3)

Prerequisite: (1) Education 456 concurrently (2) Mathematics 321 and 431 or permission of the Instructor.

A study of the materials and instructional procedures basic to the successful teaching of secondary school mathematics. Emphasis on problem solving, discovery teaching, the "new math," audio-visual aids, evaluation, enrichment.

481 *GENERAL TOPOLOGY* (5-0-5)

Prerequisite: Mathematics 322 and/or permission of Instructor.

A systematic survey of the standard topics of general topology with particular emphasis on applications to the space of reals; topological spaces, mappings, compactness, product spaces, nets and convergence.

Text: Moore, *Elementary General Topology*.

495 *SELECTED TOPICS* (Variable)

Prerequisite: Permission of the Instructor.

Modern concepts in special areas of mathematics.

499 *UNDERGRADUATE RESEARCH* (Variable)

Prerequisite: Permission of Department Chairman (for seniors only).

Individual mathematics research. A minimum of three hours per week for each quarter hour credit.

MUSIC (MUS)

Chairman: Fominaya. *Staff:* Delp, Jacobs, Rockholt.

Applied music may be taken for credit or non-credit by any student upon payment of the appropriate fee.

225 *PERCEPTION OF MUSIC* (5-0-5)
A continuation of music, studied in the Humanities 221-222-223 with emphasis on current trends in popular, sacred, and concert music. (For the non-music major.)

MUSIC: Preparatory (Piano) (Voice) (Organ) (Strings) (Orchestral Instruments)

For students desiring no credit or music majors meeting Departmental requirement.

PIANO: (See also Music: Preparatory-P)

101-102-103-P *APPLIED MUSIC* (1-0-1)
Technique: Major and minor scales in similar motion—4 octaves; arpeggios and technical exercises; Solo studies; Bach 2-pt. Inventions or Well-Tempered Clavier; Haydn, Mozart, or Beethoven Sonatas. Compositions from the Romantic and Modern Schools.

201-202-203-P *APPLIED MUSIC* (1-0-1)
Technique: Continuation of first year studies. Solo studies. Bach Well-Tempered Clavier, 3-pt. Inventions. More difficult compositions of Haydn, Mozart and Beethoven. Compositions from Romantic and Modern Schools.

301-302-303-P *APPLIED MUSIC* (1-0-1)
Technique: Major and minor scales in intervals of 3rds and 6ths and 10ths; arpeggios in all intervals. Advanced solo studies. Bach Well-Tempered Clavier, Suites, Partitas. Larger Compositions in all schools.

401-402-403-P *APPLIED MUSIC* (1-0-1)
Technique: Continuation of 3rd year studies. Advanced solo studies. Bach larger fugues or transcriptions. More difficult Compositions from all schools.

ORGAN: (See also Music: Preparatory-0)

101-102-103-O *APPLIED MUSIC* (1-0-1)
Manual and pedal technique; Bach, Orgelbuchlein.

201-202-203-O *APPLIED MUSIC* (1-0-1)
Bach, chorale preludes; later equivalents.

301-302-303-O *APPLIED MUSIC* (1-0-1)
Bach, prelude and fugue or sonata; works by Franck and others.

401-402-403-O *APPLIED MUSIC* (1-0-1)
Bach, large work; representative works by Messiaen and others.

VOICE: (See also Music: Preparatory-V)

101-102-103-V *APPLIED MUSIC* (1-0-1)
Posture. Breath control. Vowels as basis of fundamental tone. Selected vocalises and studies. Simple songs.

201-202-203-V *APPLIED MUSIC* (1-0-1)
More advanced technique for extension of range and flexibility. Advanced vocalises. Classic, Romantic and Modern songs. Diction: the study of French, German and Italian as applied to singing.

301-302-303-V *APPLIED MUSIC* (1-0-1)
Continuation of second year technique emphasizing agility and vocal line. Difficult repertoire both lyric and dramatic to develop expression appropriate to periods.

401-402-403-V *APPLIED MUSIC* (1-0-1)
Review and amplification of work of previous years. Sight reading and ensemble singing preparatory to practical experience in public performance.

ORCHESTRAL INSTRUMENTS: (1-0-1)
Applied music courses comparable to the foregoing ones outlined for Piano, Organ and Voice majors are available for students majoring in String, Woodwind, Brass and Percussion instruments. Instruction is also available for the non-major.

COMPOSITION: (1-0-1)
Composition may be elected as an applied music with permission of the Instructor.

THEORY:

111-112-113 *ELEMENTARY MUSIC THEORY* (5-0-5)
The study of the rudimentary materials of the theory of music such as scales, intervals, key signatures and terminology, diatonic harmony, sight singing and ear training.

211-212-213 *INTERMEDIATE MUSIC THEORY* (5-0-5)
Prerequisite: Music 113.
Continuation of first year theory with secondary sevenths and chromatically altered chords introduced. Harmonic dictation, keyboard harmony, sight singing, original composition and advanced ear training.

313-314-315 *ADVANCED MUSIC THEORY* (5-0-5)

Prerequisite: Music 213

A study of contemporary harmonic structures and contrapuntal practices with orchestration. Modal harmony, extended triads, non-tertial sonorities, and introduction to serial technique will be utilized in scoring for instrumental and vocal ensembles up to and including the full orchestra.

MUSIC HISTORY AND LITERATURE:

321-322-323 *HISTORY OF MUSIC* (2-0-2)

Prerequisite: Permission of Department Chairman.

First quarter studies the development of music from Greek origins to the end of the Viennese classic period and early works of Beethoven. Second quarter is concerned with Romantic period. Third quarter begins with post Romantic period to present times including expressionism, atonalism, futurism.

414-415 *MUSIC FORM AND ANALYSIS* (2-0-2)

Prerequisite: Music 213.

The aim of this course is to correlate the theoretical studies already pursued and provide a study of the elements of musical composition. Ideally, should be taken with Conducting.

421-422-423 *MASTERWORKS OF MUSIC LITERATURE* (3-0-3)

Prerequisite: Permission of Department Chairman.

Detailed study of selected instrumental and vocal literature with score study. Designed to follow periods in Music 321-322-323. Ideally, these two courses should be taken together.

MUSIC EDUCATION:

461-462 *MUSIC CONDUCTING* (3-0-3)

Prerequisite: Music 213.

Technique of the baton, interpretation, rehearsal methods and program building. First quarter concerned with instrumental music. Second quarter, choral.

351 *KINDERGARTEN AND ELEMENTARY PUBLIC SCHOOL MUSIC* (5-0-5)

A course designed to acquaint the classroom teacher with the fundamentals of music and with methods of teaching classroom music. Rote singing, rhythm bands and materials. Does not fulfill Core requirement in Humanities.

- 352 *MATERIALS AND METHODS OF ELEMENTARY SCHOOL MUSIC* (3-0-3)
A study of materials and methods in the Elementary School Music Program.
- 371 *INSTRUMENTAL TECHNIQUES (BRASS METHODS)* (2-0-2)
Prerequisite: Permission of Department Chairman.
A study of brass instruments conducted as an introduction to the teaching of French Horn, Trumpet, Trombone and Tuba, Baritone and Cornet, and demonstration of the class teaching methods of these instruments.
- 372 *INSTRUMENTAL TECHNIQUES (WOODWIND METHODS)* (2-0-2)
Prerequisite: Permission of Department Chairman.
Same as above but applied to Flute, Oboe, Clarinet, Bassoon and Saxophone.
- 373 *INSTRUMENTAL TECHNIQUES (STRING METHODS)* (2-0-2)
Prerequisite: Permission of Department Chairman.
Same as above but applied to Violin, Viola, Cello and Bass.
- 374 *INSTRUMENTAL TECHNIQUES (PERCUSSION METHODS)* (2-0-2)
Prerequisite: Permission of Department Chairman.
Same as above but applied to Bass Drum, Snare Drum, Cymbals, Tympani, etc.
- 375 *CHORAL METHODS* (2-0-2)
Prerequisite: Permission of Department Chairman.
A study of choral techniques as applied to public school teaching.
- 456 *METHODS OF TEACHING SECONDARY MUSIC* (3-0-3)
A study of vocal, instrumental, and general music materials and methods in the Secondary Program.
- 495 *SELECTED TOPICS* (Variable)
Prerequisite: Permission of Department Chairman.
A study of specific areas in Musicology, Theory, or Music Education with emphasis on individual development and preparation for advanced study.

ENSEMBLE:

Participation by the student in instrumental or vocal groups as directed by faculty advisor.

NURSING (NUR)

Chairman: Bryant. *Staff:* Busbee, Dunaway, Norman, Rufo, Skalak.

- 101 *NURSING I* (4-6-6)
Corequisite or Prerequisite: Biology III.
Introduces content that is basic to all areas of technical nursing practice. A patient-centered, problem-solving approach with identification of the scientific principles from the related sciences which undergird nursing knowledge and skills.
- 102 *NURSING II* (3-9-6)
Continuation of Nursing 101. Major emphasis is placed on the basic principles and concepts concurrent with the technical nursing skills necessary to meet the patients with common recurring nursing needs that are more physiologic in nature.
- 103 *NURSING III* (3-12-7)
Emphasizes the nursing intervention needed to meet the nursing needs during the maternal and infant cycle. Normal aspects of the maternal and infant cycle are stressed.
- 201 *NURSING IV* (3-12-7)
Prerequisite: Nursing 103.
A study utilizing the pathophysiological and psychosocial approach to the nursing care of selected patients with major health problems concerning maintenance of optimal activity and maintenance of body regulatory mechanisms and functions.
- 202 *NURSING V* (3-12-7)
Prerequisite: Nursing 201.
A study utilizing the pathophysiological and psychosocial approach to the nursing care of selected patients with major health problems concerning maintenance of mental regulatory functioning, maintenance of sensory perception, and maintenance of nutrition, elimination and fluid and electrolyte balance.
- 203 *NURSING VI* (3-12-7)
Prerequisite: Nursing 202.
A study utilizing the pathophysiological and psychosocial approach to the nursing care of selected patients with major health problems concerning maintenance of supply of oxygen and/or removal of carbon dioxide, maintenance of transporting material to and from cells, maintenance of sexual satisfaction, and maintenance of protective mechanisms.

204 *NURSING VII* (2-3-3)

Prerequisite: Nursing 202.

Explores the heritage and impact of nursing in society. Specific attention to the nursing organizations, issues, and responsibilities of the technical nurse to the profession and to the community.

PHILOSOPHY (PHY)

Chairman: Billman. *Staff:* Peden.

101 *INTRODUCTION TO PHILOSOPHY* (5-0-5)

The fundamentals of philosophy. A study of its meaning, function, vocabulary, and the major problems and types of philosophy in experience, history, and representative thinkers.

201 *MODERN LOGIC* (5-0-5)

A study of the principles and problems of critical thinking, especially of deductive reasoning, both sentential and class. Consideration is given to the more frequently used logical formulae; the uses of language, logical emotional and volitional; the making of definitions, and the logical fallacies.

301 *ETHICS* (5-0-5)

Prerequisite: Permission of Instructor or Phy 101.

A study of moral philosophy in its bearing on human conduct and social relations, including an analysis of the nature and criteria of good and evil, right and justice, moral obligation and freedom. Issues of personal and social ethics are discussed in the light of readings in the classical moralists and in contemporary literature.

303 *AMERICAN PHILOSOPHY* (5-0-5)

Prerequisite: Permission of Instructor or Phy 101.

An historic introduction to philosophy in America from Benjamin Franklin to John Dewey.

411 *CONTEMPORARY PHILOSOPHY* (5-0-5)

Prerequisites: Permission of the Instructor or Phy 101.

Major trends in contemporary western philosophy. Special emphasis given to Existentialism.

495 *SELECTED TOPICS* (Variable)

Prerequisites: Permission of the Instructor and approval of the Department Chairman.

Seminar or Directed Study on a major philosopher, school of philosophy, area of philosophical specialization, or various philosophical problems. May be repeated for credit.

499 *UNDERGRADUATE RESEARCH* (Variable)

Prerequisites: Permission of the Instructor and approval of the Department Chairman.

Individual philosophical investigation performed by the student on a topic of his choice under the direction of a specific instructor. Emphasis will be placed on the development of adequate research techniques. Upperclassmen only. May be repeated for credit.

PHYSICAL EDUCATION (PED)

Chairman: Vanover. *Staff:* Burau, Carlson, Daniel, Pepper, Wittkamp.

101-119 *INDIVIDUAL AND DUAL ACTIVITIES* (0-2-1)

Instructions in fundamental skills of those activities which may be played by one or more persons. Examples of these activities are: archery, golf, tennis, and rebound tumbling.

121-139 *TEAM GAMES* (0-2-1)

Basic instruction in the fundamentals of those activities where two or more teams are involved. Examples of team sports are: basketball, soccer, softball, and volleyball.

141-159 *AQUATICS* (0-2-1)

The teaching of basic fundamentals of swimming strokes and water safety which will enable an individual to enjoy water activities. Examples of these are: beginning swimming, aquatic games, senior lifesaving, and water safety instruction.

161-179 *RHYTHMICAL ACTIVITIES* (0-2-1)

The teaching of elementary forms of movement in relation to space with musical accompaniment. Examples are: modern dance and tap dance.

195 *SPORTS APPRECIATION* (2-0-2)

An appreciation of the major spectator sports in America today with an emphasis on becoming a more knowledgeable spectator through films, lectures, and visiting sports personalities of football, soccer, tennis, and volleyball.

196 *SPORTS APPRECIATION* (2-0-2)

An appreciation of the major spectator sports in America today with an emphasis on becoming a more knowledgeable spectator through films, lectures, and visiting sports personalities of basketball, bowling, gymnastics, and ice hockey.

- 197 *SPORTS APPRECIATION* (2-0-2)
 An appreciation of the major spectator sports in America today with an emphasis on becoming a more knowledgeable spectator through films, lectures, and visiting sports personalities of baseball, golf, track, and swimming.
- 351 *HEALTH AND PHYSICAL EDUCATION IN ELEMENTARY* (5-0-5)
 A course dealing with personal and school health problems and physical education activities suitable for use in the elementary schools.

PHYSICAL SCIENCE (PSC)

Chairman: Bowsher. *Staff:* Powers, Woodward.

- 101 *PHYSICAL SCIENCE I* (4-2-5)
 A survey of physics including mechanics, heat, sound, nuclear structure, atomic and molecular theory, electricity, magnetism and light. The course is designed for the non-technical student. At the level of: Krauskopf and Beiser: *Fundamentals of Physical Science*.
- 102 *PHYSICAL SCIENCE II* (4-2-5)
 A survey of chemistry, geology, meteorology and astronomy. The course is designed for the non-technical student. At the level of: Krauskopf and Beiser: *Fundamentals of Physical Science*.

PHYSICS (PCS)

Chairman: Bowsher. *Staff:* Powers, Woodward.

- 201 *GENERAL PHYSICS: MECHANICS* (4-2-5)
 Prerequisite: Mathematics 111.
 Statics and dynamics of particles and fluids, wave motion, and elasticity. This course is designed for students majoring in biology or for students in the pre-dentistry, pre-medicine, pre-veterinary or nursing program. At the level of: Weber, Manning and White, *College Physics*.
- 202 *GENERAL PHYSICS: HEAT, LIGHT AND SOUND* (4-2-5)
 Prerequisite: Physics 201.
 The fundamental laws of heat, light and sound. At the level of: Weber, Manning, and White, *College Physics*.

- 203 *GENERAL PHYSICS: ELECTRICITY, MAGNETISM AND MODERN PHYSICS* (4-2-5)
 Prerequisite: Physics 201.
 Fundamental laws of electricity and magnetism. At the level of: Weber, Manning, and White, *College Physics*.
- 211 *MECHANICS* (4-4-6)
 Corerequisite: Mathematics 202 concurrently.
 A study of mechanics with an emphasis on problem solving and laboratory performance. This course is designed for students majoring in physics, chemistry, or mathematics or for students in the pre-engineering program. At the level of: Sears and Zemansky, *University Physics*.
- 212 *ELECTRICITY* (4-4-6)
 Prerequisites: Mathematics 203 concurrently and Physics 211.
 Electricity, magnetism and related phenomena. At the level of: Sears and Zemansky, *University Physics*.
- 213 *HEAT, SOUND AND LIGHT* (4-4-6)
 Prerequisite: Physics 211.
 Heat, sound, light and atomic physics. At the level of: Sears and Zemansky, *University Physics*.
- 301 *ELECTRONICS I* (3-4-5)
 Prerequisite: Physics 212.
 Alternating current theory and simple circuit theory. At the level of: Korneff, *Introduction to Electronics*.
- 302 *ELECTRONICS II* (3-4-5)
 Prerequisite: Physics 301.
 Transistor theory, transmitter circuits, theory of oscilloscopes, and pulse counting circuits. At the level of: Korneff, *Introduction to Electronics*.
- 304 *ADVANCED OPTICS* (3-4-5)
 Prerequisite: Physics 213.
 Wave theory, physical optics and thick lenses, lens aberrations and optical instruments. At the level of: Jenkins and White, *Fundamentals of Optics*.
- 310 *NUMERICAL SOLUTIONS TO PHYSICS PROBLEMS* (2-1-2)
 Prerequisite: Mathematics 335 or permission of Instructor.
 Solutions of advanced physics problems on the digital computer using Fortran IV language. Problems such as Fourier Analysis, Fraunhofer diffraction, elliptic integrals, and quantum mechanics will be treated. At the level of: McCracken and Dorn, *Numerical Methods and Fortran Programming*.

- 315 *NUCLEAR RADIATION DETECTION* (3-6-5)
 Prerequisite: Physics 309
 A study of the various methods of detecting nuclear radiation. At the level of: Price, *Nuclear Radiation Detection*.
- 321 *CLASSICAL MECHANICS I* (3-0-3)
 Prerequisites: Physics 211 and Mathematics 302.
 Vector algebra, vector calculus, operators, and conservative fields. Statics, particle kinematics, and relative velocity. Particle dynamics in one, two, and three dimensions. Simple, damped, and forced harmonic motion. At the level of: Fowles, *Analytical Mechanics*.
- 322 *CLASSICAL MECHANICS II* (3-0-3)
 Prerequisites: Physics 321 and (Mathematics 335 or Physics 310). Moving reference systems, rotational motion, and coriolis force. Universal Law of Gravitation, central force problems, and celestial mechanics. Dynamics of a system of particles. Linear momentum, angular momentum, torque, and impulse. Head-on, oblique, elastic, and inelastic collisions. Center of mass coordinates and variable mass motion. Centroids, moments of inertia, and rigid body dynamics. At the level of Fowles, *Analytical Mechanics*.
- 323 *CLASSICAL MECHANICS III* (3-0-3)
 Prerequisite: Physics 322.
 General motion of a rigid body, principal axes, and Euler's equations. Free rotation, gyroscopic precession, and top motion. Lagrange's equations and applications. Hamilton's canonical equations. Theory of vibrations, coupled oscillators, **normal** modes, eigenfrequencies, and the wave equation. At the level of: Fowles, *Analytical Mechanics*.
- 401 *ELECTRICITY AND MAGNETISM I* (3-0-3)
 Prerequisites: Physics 212 and Mathematics 302.
 Motion of charged particles in electromagnetic fields and the Lorentz equation. Faraday's law, induced electric fields, and the betatron. Electric potentials, electric currents, Ohm's law, and Kirchhoff's laws. Ampere's law, magnetic fields, Maxwell's contribution, and displacement current.
 At the level of: Barnes, *Foundations of Electricity and Magnetism*.
- 402 *ELECTRICITY AND MAGNETISM II* (3-0-3)
 Prerequisite: Physics 401.
 Coulomb's law of electrostatics and Gauss' law. Equations of Poisson and Laplace. Method of images. Boundary conditions

for B, H, E, and D and magnetic media. Amperian currents, electric polarization in dielectrics, energy in electromagnetic fields, and Poynting's vector. Capacitance, pole strength, magnetic dipole, electric dipole, diamagnetism and the invariant flux theorem. Relaxation time, self-inductance, and R-C-L circuits. Resonance, damped, and impressed circuit oscillations. At the level of: Barnes, *Foundations of Electricity and Magnetism*.

403 *ELECTRICITY AND MAGNETISM III* (3-0-3)

Prerequisites: Physics 402 and (Mathematics 335 or Physics 310).

Alternating current circuit theory, interacting circuits, and mutual inductance. Electromagnetic waves. Reflection from a conductor and a dielectric. Transmission equation, skin effect, wave guides, retarded potentials, and radiation from an oscillating dipole. Relativistic effects in electromagnetic fields.

At the level of: Barnes, *Foundations of Electricity and Magnetism*.

441-445 *THE MODERN PHYSICS SEQUENCE*

Introduction to modern concepts of space, time, particles, and waves. The sequence is required of all physics majors. Modern laboratory techniques are stressed as well as problem solving.

441 *INTRODUCTION TO MODERN PHYSICS* (3-0-3)

Prerequisites: Pcs 211-212-213 or permission of Instructor. Theory of special relativity. Particle aspects of electromagnetic radiation, black body radiation, Bohr theory of the atom and distribution functions.

At the level of: Weidner and Sells, *Elementary Modern Physics*.

442 *WAVE MECHANICS* (3-0-3)

Prerequisites: Pcs 441, Mat 302 or permission of Instructor. Wave aspects of material particles. Interpretation of the wave function. Schroedinger's equation and applications to the infinite and finite wells and harmonic oscillator potential. At the level of: Tipler, *Modern Physics*.

443 *ATOMIC PHYSICS* (3-3-4)

Prerequisite: Pcs 442 or permission of Instructor. Theory of the hydrogen atom, electron spin. Many-electron atoms, atomic coupling. Atomic spectroscopy and laboratory. At the level of: White, *Atomic Spectroscopy*.

444 *SOLID STATE AND MOLECULAR PHYSICS* (3-3-4)

Prerequisite: Pcs 442 or permission of Instructor.

Molecular rotation and vibration. The hydrogen molecule. Molecular spectroscopy and laboratory. Crystallinity, lattice dynamics, electrons in metals, semi-conductors, Magnetic and dielectric properties of solids. Superconductivity. Solid state physics laboratory. At the level of: Leighton, *Principles of Modern Physics*, and Blakemore, *Solid State Physics*.

445 *NUCLEAR PHYSICS* (3-0-3)

Prerequisite: Pcs 442 or permission of Instructor.
Basic properties of nuclei, nuclear structure. Nuclear scattering and reaction theory. Elementary particles. At the level of: Leighton, *Principles of Modern Physics*.

456 *PHYSICS IN THE SECONDARY SCHOOL* (3-0-3)

Prerequisites: Edu 456 or permission of Instructor.
A study of instructional procedures and materials used in the teaching of physics in the secondary school. Emphasis on new curricula, laboratory teaching techniques, and student evaluation.

495 *SELECTED TOPICS* (Variable)

Prerequisite: Permission of the Instructor.
Modern concepts in special areas of physics.

499 *UNDERGRADUATE RESEARCH* (Variable)

Prerequisite: Permission of Department Chairman (For Seniors only).
Individual physics research. A minimum of three hours work per week for each quarter hour credit. Thesis required.

POLITICAL SCIENCE (POL)

Chairman: Billman. *Staff:* Chen, Dalis, Mastroianni, Walker.

101 *AMERICAN GOVERNMENT I* (5-0-5)

A prerequisite to all other courses in Political Science.
An introductory course covering the essential facts of federal, state, and local governments in the United States. A satisfactory grade will exempt a student from the requirement of passing an examination on the Constitution of the United States and the Constitution of Georgia before graduation.

103 *INTRODUCTION TO CRIMINAL JUSTICE* (5-0-5)

Survey of the history of law enforcement and criminal rehabilitation. Philosophy of criminal justice in a democratic society. A

review of agencies involved in the process of criminal justice and career orientation.

201 *AMERICAN GOVERNMENT II* (5-0-5)

Prerequisite: POL 101 or exemption of POL 101 by Examination.

Required of all majors and minors.

An advanced course in American Government with emphasis being placed on the political process. Special attention will be paid to the role of political parties and interest groups in the political system. The concepts of roll call analysis, and electoral behavior will be explored.

202 *INTRODUCTION TO POLITICAL METHODOLOGY* (5-0-5)

Required of all majors and minors.

A survey of the scope and methods of Political Science, emphasizing the scientific study of political behavior and the terms, concepts, theories, and principles of Political Science.

301 *COMPARATIVE EUROPEAN GOVERNMENTS* (5-0-5)

The principles and forms of organization of the governmental systems of Europe.

302 *THE GOVERNMENT AND POLITICS OF THE USSR AND THE COMMUNIST BLOC* (5-0-5)

A study emphasizing how the Soviet Union is governed. The dynamics of the Communist State System, the Warsaw Pact Organization, and Communist Eastern Europe.

303 *SELECTED PROBLEMS IN CRIMINAL JUSTICE* (5-0-5)

Concentrated study by each student in one or more of the major areas of criminal justice: police arrest techniques, jail conditions, bail reform, problems of prosecution and defense, sentencing innovations, success rates in parole and probation. Emphasis is placed on communication with and observation of agencies of criminal justice in action.

310 *ANCIENT AND MEDIEVAL POLITICAL THOUGHT* (5-0-5)

The study of the writings of the most prominent political thinkers and the philosophies that developed as the result of such thoughts.

311 *MODERN POLITICAL THOUGHT* (5-0-5)

A study of the writings of the most prominent political thinkers and the philosophies that developed as the result of such thoughts.

- 312 *CONTEMPORARY POLITICAL THOUGHT* (5-0-5)
A survey of Western Political Philosophy since 1900, with particular emphasis on major ideologies such as pragmatism, existentialism, socialism, communism, and fascism.
- 401 *STATE GOVERNMENT* (5-0-5)
Acquaintance in some depth with the forms of organization, the functions, and the operation of State Governments, with particular emphasis on the government and constitution of the State of Georgia. A satisfactory grade exempts the student from the requirement of passing an examination on the Constitution of Georgia.
- 402 *URBAN GOVERNMENT AND POLITICS* (5-0-5)
The origin, development, and growth of local government forms. General problems of county and city government.
- 403 *THE POLITICS AND ADMINISTRATION OF METROPOLITAN AREAS* (5-0-5)
Attention is focused on the social, economic, political, and psychological effects of urbanization; politics of metropolitan integration; principles and problems of governing a metropolitan community, with due emphasis on the roles of local, county, state, and federal governments; functional problems such as those of crime, transportation, sanitation, water and air pollution, housing, education, and recreation; and the prospects of megalopolis. (especial reference will be made to Augusta and the CSRA).
- 411 *PRINCIPLES OF PUBLIC ADMINISTRATION* (5-0-5)
General principles, problems and practices of public administration emphasizing governmental processes in the executive branch.
- 425 *AMERICAN CONSTITUTIONAL LAW* (5-0-5)
Designed to give the student an understanding of the American Constitution and its development and application in American life.
- 426 *AMERICAN CONSTITUTIONAL LAW* (5-0-5)
A continuation of Pol 425. The case method is used under which the decisions and opinions of the Supreme Court of the United States are studied and analyzed.
- 431 *GOVERNMENTS OF THE DEVELOPING NATIONS* (5-0-5)
Emphasis on the concepts of political stability, conflict, revolution, and economic development and modernization.

- 450 *WORLD POLITICS* (5-0-5)
 A comprehensive study of the International Political System concentrating on the environmental factors, theories of international relations, the nation state and nationalism, international conflict, international cooperation, transnational institutions, balance of power and collective security, military strategy, the role of diplomacy, the dynamics of national foreign policy, the Cold War and other contemporary problems.
- 451 *INTERNATIONAL LAW AND ORGANIZATION* (5-0-5)
 A survey of the sources and types of international law; the law of peace; the law of conflict; the antecedents of the United Nations; the United Nations family; regional organizations (NATO, OAS; COMECM, SEATO, CENTO, British Commonwealth) and international integration.
- 495 *POLITICAL SCIENCE SELECTED TOPICS* (Variable)
 Prerequisite: Permission of the Department Chairman.
 Designed primarily for graduating seniors who plan to teach and/or pursue graduate study.

PSYCHOLOGY (PSY)

Staff: duMas, Edmonds, Hill, Mueller, H. W. Thompson, Wiggins.

- 101 *PRINCIPLES OF PSYCHOLOGY* (5-0-5)
 An introductory survey of the entire field of psychology.
- 250 *QUANTITATIVE METHODS* (5-0-5)
 Prerequisite: Psychology 101.
 An introduction to the graphic description and quantitative analysis of data in the social and behavioral sciences.
- 311 *DEVELOPMENTAL PSYCHOLOGY* (5-0-5)
 Prerequisite: Psychology 101.
 A survey of behavioral and personality development or changes occurring during the life of an individual from birth to death, with particular attention given to maturity and old age.
- 322 *EXPERIMENTAL PSYCHOLOGY I* (formerly 335) (3-4-5)
 Prerequisite: Psychology 101, 250.
 Introduction to the experimental method in psychology. Lectures and laboratory experiments are designed to assist the student in understanding and using the experimental method. Experiments conducted in sensory and perceptual processes.

- 341 *CHILD PSYCHOLOGY* (formerly 295) (5-0-5)
 Prerequisite: Psychology 101.
 The study of the physical, mental, emotional and social development of the child from conception, through adolescence, to adulthood.
- 351 *INTERMEDIATE QUANTITATIVE METHODS* (4-2-5)
 Prerequisite: Psychology 250.
 A study of the statistical methods most widely used in the analysis of psychological data, such as: bi-variate and multi-variate correlation, regression analyses, curve fitting, chi square, introduction to the analysis of variance. Consideration will be given to both parametric and non-parametric methods.
- 361 *PERCEPTION* (5-0-5)
 Prerequisite: Psychology 101
 The relations of sensation and perception, stimulus and receptor correlates, phenomenological and configurational theories and the integration of perception with the phenomena of learning and motivation.
- 371 *APPLIED PSYCHOLOGY* (formerly 202) (5-0-5)
 Prerequisite: Psychology 101.
 A survey of the application of psychological principles in schools, business, industry, government, military, space programs, clinics and hospitals.
- 373 *SOCIAL PSYCHOLOGY* (formerly 321) (4-2-5)
 Prerequisite: Psychology 101.
 A survey of the social aspects of psychology including individual and group dynamics, competition, cooperation, leadership, propaganda, persuasion, and public opinion, as well as a study of how society influences individual perceptions, attitudes, and personality.
- 405 *HISTORY AND SYSTEMS OF PSYCHOLOGY* (5-0-5)
 Prerequisite: Psychology 250.
 An integration of the psychology major's four years of study. All important theoretical systems will be considered. Seniors only.
- 414 *PERSONNEL PSYCHOLOGY* (5-0-5)
 Prerequisite: Psychology 101.
 A systematic study of scientific personnel procedures including such functions as recruiting, selection, worker evaluation, morale surveys, human relations, training of supervisors and executive development. The possibility of a complete, scientific personnel program is considered.

- 415 *PSYCHOLOGICAL TESTS AND MEASUREMENTS* (4-2-5)
 Prerequisites: Psychology 101 and 250.
 Construction and characteristics of tests and measurement scales; survey of individual and group tests in psychological, educational, and clinical settings.
- 423 *ABNORMAL PSYCHOLOGY* (5-0-5)
 Prerequisite: Psychology 101.
 The study of various forms of maladjustment, psychopathology, mental deficiency and antisocial behavior.
- 441 *EXPERIMENTAL PSYCHOLOGY II* (3-4-5)
 Prerequisite: Psychology 322.
 A supplementary course strongly recommended for psychology majors planning to attend graduate school. Lecture and laboratory experiments in learning, memory, emotion, motivation and thinking.
- 452 *THEORIES OF PERSONALITY* (5-0-5)
 Prerequisite: Psychology 311 or 341.
 The biological and psychological foundations of personality will be studied. Emphasis will be placed on the integrated aspects of personality.
- 455 *MENTAL HYGIENE* (formerly 301) (5-0-5)
 Prerequisite: Psychology 101.
 A study of conflicts, fears, anxieties, frustrations and stress occurring in most life situations. Healthy and unhealthy modes of adjustments are considered with the aim of building emotional stability, personality improvement and preventing mental illness.
- 462 *THEORIES OF LEARNING* (5-0-5)
 Prerequisites: Psychology 101, 250 and 322.
 Evaluation of current theories in terms of their success in accounting for the observed phenomena of complex learning; the problems of integrating learning theory into a systematic theory of behavior.
- 465 *CLINICAL PSYCHOLOGY* (5-0-5)
 Prerequisite: Psychology 311 or 341; and 423 or 452. Seniors only.
 A study of the various kinds of knowledge and skills used by the clinical psychologist. Students will observe the functioning of the different disciplines involved in a mental hospital.

- 471 *ADVANCED GENERAL PSYCHOLOGY* (5-0-5)
 Prerequisite: Psychology 101, 250, and 322.
 Permission of the Instructor. Seniors only.
 A comprehensive review and integration of the fields of general psychology for the student planning to enter graduate school.
- 480 *PHYSIOLOGICAL PSYCHOLOGY* (3-4-5)
 Prerequisite: Psychology 101 and 15 hours of Psychology.
 An examination of the biological and chemical correlates of learning, memory, sensation, perception, emotion, motivation, thinking, and personality.
- 485 *COMPARATIVE PSYCHOLOGY* (3-4-5)
 Prerequisite: Psychology 480.
 The development of anatomical structures, environmental factors and behavior of species throughout the phyletic scale. Emphasis is on inter-species comparison and the understanding of human behavior in terms of its evolutionary antecedents.
- 495 *SELECTED TOPICS* (Variable)
 Prerequisite: 20 hours in Psychology and permission of Department Chairman.
 The intensive study of a selected psychological area such as motivation, perception, or human engineering.
- 499 *UNDERGRADUATE RESEARCH* (formerly 303) (Variable)
 Prerequisites: 20 hours of Psychology and permission of Department Chairman.
 Individual and independent investigation performed by the student on a topic of his choice.

SECRETARIAL SCIENCE (SSC)

Chairman: Pierce. *Staff:* Godin, Whatley.

- 101 *BEGINNING TYPEWRITING* (2-0-2)
 Techniques of touch typewriting; the use and care of the typewriter. The development of correct typing techniques and the application of this skill to specific problems, such as business forms, letter arrangements and straight copy.
- 102 *INTERMEDIATE TYPEWRITING* (2-0-2)
 Prerequisite: SSC 101 (Beginning Typewriting) or its equivalent.
 Further development of speed and accuracy in typewriting;

job production activities, such as composition of letters at the typewriter, business forms, tabulated reports and manuscripts.

103 *ADVANCED TYPEWRITING* (2-0-2)

Prerequisite: SSC 102 (Intermediate Typewriting) or its equivalent.

Increased development of skill; emphasis on professional type-writing; duplication, variety of letter forms and the application of each; office and statistical reports; business reports; and legal reports.

325 *SECRETARIAL PRACTICE* (5-0-5)

Prerequisite: SSC 101 (Beginning Typewriting) or its equivalent.

Secretarial efficiency developed through a study of business office procedures; communication problems and techniques; filing and indexing systems; human relation problems; sources and uses of business information; exercising good business judgment in assuming responsibilities and carrying duties to satisfactory conclusion.

331 *BEGINNING SHORTHAND* (3-0-3)

Presentation of the complete theory of Gregg Shorthand; rapid reading of shorthand plates, introduction to dictation techniques; and development of pre-transcription skills.

332 *INTERMEDIATE SHORTHAND* (3-0-3)

Prerequisite: SSC 331 (Beginning Shorthand) or its equivalent.

Intensive training in accurate and rapid writing of shorthand from dictation; sufficient use and handling of dictation materials; further emphasis of pre-transcription skill; introduction of transcription at the typewriter.

333 *ADVANCED SHORTHAND AND TRANSCRIPTION* (3-0-3)

Prerequisite: SSC 332 (Intermediate Shorthand) or its equivalent.

The development of skill in taking new-matter dictation; arrangement of material from shorthand notes in mailable form.

335 *MEDICAL TERMINOLOGY* (5-0-5)

In Medical Terminology, one learns the simplest approach to long complicated medical terms. Emphasis is placed on the breaking down of these words into components which serve as a common denominator to many of the words; the pronun-

ciation, the spelling, and the application of these medical terms to actual medical dictation.

- 425 *SUPERVISED OFFICE EXPERIENCE* (5-0-5)
Prerequisites: SSC 103 and SSC 333, Advanced Typewriting and Advanced Shorthand.
Orientation to office positions through actual office work; emphasis is placed on office problems; sources of information required by a secretary; office procedures, transcribing machines, and all other responsibilities pertinent to the well organized office.
- 431 *ADVANCED DICTATION AND TRANSCRIPTION* (5-0-5)
Prerequisite: SSC 333, Advanced Shorthand.
Job competency with the ability to write and transcribe shorthand; emphasis is placed on the development of rapid, accurate and mailable copies; office-style dictation, proofreading; efficient handling of dictation and transcription materials.
- 435 *BUSINESS MACHINES* (5-0-5)
This course is designed to give a working knowledge of the principal machines used in business; to develop specialized skill on rotary and printing calculators, adding machines, dictating and transcribing machines, and duplicating machines.

SOCIOLOGY (SOC)

Chairman: Frickey. *Staff:* Davidson, J. M. Smith.

- 101 *INTRODUCTORY SOCIOLOGY* (5-0-5)
Prerequisite for all other sociology courses except Sociology 221 and 202.
A study of organized social life in terms of interaction of heredity, physical environment, the group and culture. Emphasis will be placed upon fundamental sociological concepts. *Normally offered each quarter.*
- 202 *CONTEMPORARY SOCIAL PROBLEMS* (5-0-5)
A study of both specific and general problems of our times. The problems are considered in the social and cultural settings in which they occur. The emphasis is upon people and their behavior. Not for credit toward major. *Normally offered each quarter.*
- 204 *SOCIETY, LAW, AND THE CRIMINAL* (5-0-5)
An examination of the nature of crime, the consequences of

crime for society, and an intensive examination and evaluation of the law as a social device for coping with crime.

221 **COURTSHIP AND MARITAL ADJUSTMENT** (5-0-5)

A functional analysis of dating; courtship; mate selection; engagement; marital adjustment; and family relationships with primary emphasis on the contemporary American family. This course is designed for the non-sociology major who is interested in a utilitarian approach to the study of the family. *Normally offered spring and summer quarters.*

303 **THE FAMILY** (5-0-5)

An institutional analysis of the family as a social subsystem, including premarital behavioral patterns, mate selection, marital interaction, and family disorganization. Special emphasis is placed on theories pertaining to the structure, function, and change of family forms; empirical data from current and past research projects; and cross-cultural comparisons of selected family systems. *Normally offered each quarter.*

311 **COMPARATIVE COMMUNITIES** (5-0-5)

A study of the ecology and structure of representative communities of American society, specialized types, and areas in transition. *Normally offered fall and spring quarters.*

331 **CRIMINOLOGY** (5-0-5)

The study of criminal behavior and its treatment. The development of criminal behavior in contemporary society and the efforts of the individual to adjust to the demands made upon him. The treatment of the offender by means of probation, imprisonment, and parole. *Normally offered fall and winter quarters.*

322 **POPULATION THEORY** (5-0-5)

Prerequisite: 10 hours of advanced Sociology.

Theory and dynamics of population growth; population measure; migration; composition; differential fertility; theories of the quality and optimum population; economic and social aspects of our population. *Normally offered winter quarter.*

332 **PERSONALITY AND SOCIAL ADJUSTMENT** (5-0-5)

Prerequisite: 10 hours of advanced sociology.

Foundation and development of personality; mechanisms of integration and adjustment; roles of culture, groups, and language; concepts of self; types and theories of personality; divergent personalities. *Normally offered fall and spring quarters.*

- 334 *SOCIAL CONTROL* (5-0-5)
 Analysis of the mechanics and techniques of social control, both institutive and corrective; various views of the nature and origins of social control; implementation; implications of mass media and mass orientation for society and the individual. *Normally offered winter quarter.*
- 342 *SOCIAL STRATIFICATION* (5-0-5)
 The nature of social systems, including social classes, estates and castes; criteria of status evaluation; social class differentials; mobility and achievement aspirations. *Normally offered spring quarter.*
- 412 *RACIAL AND ETHNIC MINORITIES* (5-0-5)
 Prerequisite: 15 hours of advanced Sociology.
 Comparative study of selected racial and ethnic groups in contemporary American society. Exploration of majority-minority interaction, distribution of minorities, and selected pertinent social problems. *Normally offered winter and summer quarter.*
- 422 *METHODS IN SOCIAL RESEARCH* (5-0-5)
 Prerequisite: 15 hours of advanced Sociology.
 An introduction to the scientific method in social research; elementary considerations in research design; the interview, questionnaire, participant observation and human document as sources of social data; qualitative and quantitative techniques of analysis and inference, including the development of techniques for measuring social data. *Normally offered winter quarter.*
- 432 *INDUSTRIAL SOCIOLOGY* (5-0-5)
 Prerequisite: Sociology 101.
 An application of the theory and methods of sociology to the work environment. *Normally offered fall and spring quarters.*
- 434 *SOCIOLOGICAL THEORY* (5-0-5)
 Prerequisite: 15 hours of advanced Sociology.
 Historical growth and development of social thought, types and nature of social theories, and the influence of social theory on contemporary sociology. *Normally offered fall quarter.*
- 495 *SELECTED TOPICS* (Variable)
 Prerequisite: Senior standing, 20 hours of advanced Sociology and permission of instructor.
 A variable-content course, intended to meet the interests of

senior students majoring in Sociology. *Normally offered each quarter by arrangement.*

- 499 *UNDERGRADUATE RESEARCH* (Variable)
Prerequisite: Senior standing, 20 hours of advanced Sociology and permission of instructor.
Independent research on a topic of the student's choice selected in consultation with the instructor. *Normally offered each quarter by arrangement.*

SOCIAL SERVICE ADMINISTRATION (SSA)

Chairman: Frickey. Staff: Davidson, J. M. Smith.

- 111 *INTRODUCTION TO SOCIAL SERVICE* (5-0-5)
An exploration of the historical evolution of social service and present day status. Concentration is on the current perspectives of the field and career opportunities. Prerequisite for further SSA courses.
- 222 *SOCIAL SERVICE AS A SOCIAL INSTITUTION* (5-0-5)
The institutional nature of social service and its relationship to other institutions in society. An analysis of society's response to social service needs and problems.
- 234 *PHILOSOPHY OF SOCIAL SERVICE* (5-0-5)
A study in the generic principles of social service. It includes a study of interviewing skills and techniques. Various philosophical and moral bases for the value system of social service are examined.
- 346 *METHODS OF SOCIAL SERVICE* (5-0-5)
The problem solving process as used in working with individuals, groups, and communities is emphasized. Field visitation to social agencies will be arranged to supplement classroom lectures.
- 358 *FIELD PLACEMENT—PHASE I* (5-0-5)
Prerequisite: SW 346
Field experience is the education assignment of students to a social agency for the quarter. Up to sixteen hours a week is spent under supervision of experienced agency workers. A weekly one hour class is held to relate the field learning to classroom content.

495 *SELECTED TOPICS* (5-0-5)

Prerequisite: SW 358.

An advanced study of individual and group phenomena as related to specific phases of social service. It will focus attention upon depth learning from the student experience in field instruction and its broader implications.

SPANISH (SP)

Chairman: Duncan. *Staff:* Laredo.

101 *ELEMENTARY SPANISH I* (5-1-5)

(A course designed primarily for students without previous experience in the study of Spanish. Students presenting two or more high school units in Spanish are not permitted to take this course for college credit without written permission from the Chairman of the Department of Modern Languages).

Drill in pronunciation, fundamentals of grammar, simple reading and translations, oral and written exercises, vocabulary building. Students in this course are required to spend a minimum of one hour per week in the language laboratory.

102 *ELEMENTARY SPANISH II* (5-1-5)

Prerequisite: Spanish 101 or equivalent.

A continuation of Spanish 101.

201 *INTERMEDIATE SPANISH I* (5-1-5)

Prerequisite: Spanish 101-102 or two units of high school Spanish.

Review of Spanish grammar; reading and translation of various types of Spanish literature. Emphasis on oral expression and aural comprehension.

202 *INTERMEDIATE SPANISH II* (5-1-5)

Prerequisite: Spanish 201 or equivalent.

A continuation of Spanish 201.

211 *CONVERSATIONAL SPANISH* (5-0-5)

Prerequisites: Spanish 201-202 or equivalent.

A course designed to promote the student's ability to express himself correctly in spoken and written Spanish; emphasis on conversation and composition.

301 *SURVEY OF SPANISH LITERATURE I* (5-0-5)

Prerequisites: Spanish 201, 202, and 211 or equivalent.

A survey of Spanish literature from the Middle Ages through the Siglo de Oro.

- 302 *SURVEY OF SPANISH LITERATURE II* (5-0-5)
 Prerequisites: Spanish 201, 202, and 211, or equivalent.
 A survey of Spanish literature from the beginning of the eighteenth century to the present day.
- 305 *SPANISH CULTURE AND CIVILIZATION* (5-0-5)
 Prerequisite: Spanish 211 or equivalent.
 A study of Spanish life and culture with attention given to history, geography, and customs, and with emphasis on the contributions of Spain to world civilization.
- 330 *SURVEY OF SPANISH-AMERICAN LITERATURE I* (5-0-5)
 Prerequisite: Spanish 211 or equivalent.
 A survey of the literature of the Spanish-speaking countries of the Americas.
- 331 *SURVEY OF SPANISH-AMERICAN LITERATURE II* (5-0-5)
 Prerequisite: Spanish 211 or equivalent.
 A continuation of Spanish 330, ending with the leading Spanish-American writers of the present day.
- 419 *THE SPANISH NOVEL OF THE TWENTIETH CENTURY* (5-0-5)
 The development of the Spanish novel from the Generation of 1898 to Cela and recent tremendista novels. Special attention will be given to the novels of Baroja, Unamuno, Azorín, Valle-Inclán, R. Paerz de Ayala, G. Miró, Concha Espina, and Cela, with a discussion of experimentation and the problems of form in the modern novel.
- 420 *THE SPANISH NOVEL OF THE NINETEENTH CENTURY* (5-0-5)
 A study of the Spanish novel from the beginnings of costumbrismo, regionalism, and realism to the end of the nineteenth century, with particular emphasis on the novels of P. A. de Alarcón, Pereda, Valera, Pérez Galdos, Pardo Bazán, Palacio Valdés, and the Valencian novels of Blasco Ináñez.
- 421 *THE DRAMA OF THE GOLDEN AGE* (5-0-5)
 A study of the principal dramatists of the Siglo de Oro and their works with particular emphasis on Lope de Vega, Tirso de Molina, Ruiz de Alarcón, and Calderón, de la Barca.
- 422 *SPANISH PROSE OF THE GOLDEN AGE* (5-0-5)
 A study of the novel and the short story of the *Siglo de Oro*, with particular concentration of the works of Cervantes.

423 *SPANISH DRAMA OF THE NINETEENTH CENTURY* (5-0-5)

The development of the Spanish drama from Moratín's neo-classic comedies to the realistic plays of Galdós and the early Benavente. Special emphasis will be placed on the romantic drama (Rivas, Zorrilla, García Guitierrez and others) and the subsequent search for human realism and the comedy of manners (Bretón, Ventura de Vega, Tamayo y Baus, López de Ayala, and Echegaray).

425 *SPANISH DRAMA OF THE TWENTIETH CENTURY* (5-0-5)

The development of the Spanish drama from Benavente to the present with special emphasis on Benavente, Marquina, Martínez Sierra, the Quinteros, and García Lorca. Other vanguard plays will be discussed in the light of contemporary trends in the theater.

430 *SPANISH-AMERICAN POETRY* (5-0-5)

A study of the contribution of the Spanish-American nations to the development of poetry. Readings from representative poets of several countries.

431 *SPANISH-AMERICAN PROSE* (5-0-5)

A study of the essay and the novel as developed in the Spanish-American nations. Readings from representative authors of the several countries.

440 *THE CONTEMPORARY SPANISH-AMERICAN THEATER* (5-0-5)

A study of the development of the Spanish-American theater of recent times. Readings from representative writers of several countries (Solorzano, Benedetti, Rengifo, Estorino, and others).

456 *TEACHING ROMANCE LANGUAGES* (3-0-3)

A study of problems, materials, and techniques of teaching foreign languages in secondary school.

481 *ADVANCED CONVERSATION AND COMPOSITION* (V-V-5)

Prerequisite: Sp 211 or equivalent.

Comprehensive review of Spanish grammar and syntax. Vocabulary building. Oral and written reports.

491-492-493 *STUDY ABROAD* (15 credit hours)

Prerequisites: SP 211 and junior or senior standing. The study of Spanish language and culture in a native environment. Designed specifically for students participating in the University System of Georgia Study Abroad Program.

SPEECH (SPC)

Chairman: Fominaya. *Staff:* Kelly.

- 101 *FUNDAMENTALS OF SPEECH* (5-0-5)
An introductory course including use of the voice, mental attitudes for good speech, basic diction, control of body and speech composition.
- 201 *PUBLIC SPEAKING* (5-0-5)
Prerequisite: Speech 101.
A course planned to give emphasis to the forms of public speaking used in modern society. Special attention given to persuasive, occasional, radio, television, parliamentary speaking and debates.
- 301 *ORAL INTERPRETATION* (5-0-5)
Prerequisite: Speech 101 or permission of the Instructor.
A course in the principles of oral interpretation including methods of understanding literature and the techniques of presenting literature to an audience, excerpts from plays, poetry, monologues.



COLLEGE ACTIVITY CENTER

Benefactions

THE CALLAWAY CHAIR

The Fuller E. Callaway Professorial Chair at Augusta College was one of 40 such chairs at 33 senior colleges and universities in Georgia created in September 1968 by the Callaway Foundation. A \$10 million trust fund was established to aid colleges in retaining superior faculty members. Augusta College chose Philosophy as the field for its first endowed chair.

CULLUM VISITING SCHOLAR PROGRAM

The Cullum Visiting Scholar program was initiated in January 1968 following announcement by The Cullum Foundation of an annual gift to the college to enable it to invite to its campus outstanding men and women who are widely known in their respective fields. The visiting scholars provide lectures, seminars for faculty and students, addresses to the student body and to the public, and conference in their field of expertise. Mrs. Natalie M. Cullum and the Georgia Railroad Bank & Trust Co. are trustees of the Cullum Foundation.

FACULTY SCHOLARSHIP FUND

This scholarship fund was established by The Augusta College Faculty to reward outstanding academic performance. Selection is based upon the high school academic record and students in the top five percent of their class are encouraged to apply. In addition, junior college graduates are also eligible. Further information concerning this scholarship fund can be obtained from the Director of Financial Assistance or the Augusta College Admissions Office.

SCHOLARSHIPS

American Association of University Women Scholarship. Sponsored by the Augusta Chapter to a deserving woman student.

American Business Women's Association, Augusta Charter Chapter Scholarship. Sponsored by the Augusta Chapter to a deserving woman student.

American Business Women's Association, The Golf Capital Chapter. This scholarship is given to a needy and deserving student.

Augusta Chapter of the National Association of Accountants Scholarship. Awarded to an outstanding accounting major.

Augusta College Faculty Scholarship Fund.

Augusta Exchange Club Scholarship. This four-year scholarship is awarded to deserving students in the Augusta Trade Area.

Augusta-Fort Gordon Chapter (AFCEA) Scholarship. Awarded annually to outstanding high school seniors.

Augusta Jaycee Athletic Scholarship.

Augusta Players Scholarship. Awarded to an entering freshman who is in the Fine Arts program.

John C. Bell, Sr. Memorial Scholarship. This award is given to a needy and worthy student in the memory of John C. Bell, Sr.

Butler High Boosters Club. Awarded to a deserving student from Butler High School.

C. A. Scruggs Memorial Scholarship. This scholarship is awarded to an entering freshman in honor of the late Professor of Chemistry at the Junior College of Augusta.

Cecilia Arthur Memorial Scholarship given by Augusta College Alumni Association. Awarded each year to a senior.

Alice Warren Chapter #483., Order of the Eastern Star Scholarship.

Civitan Club of Augusta Scholarship. Sponsored by the Civitan Club of Augusta for deserving students.

Evans Parent-Teacher Association Scholarship. Annual scholarship to deserving student.

Fairways Chapter-National Secretaries Association Scholarship. Awarded to a student majoring in secretarial science or business education.

Fleming Masonic Lodge #718 Scholarship. Awarded to a graduate of Butler High School.

George P. Butler Foundation. This award is presented annually to a Richmond Academy male graduate.

George Walton Masonic Lodge #699 Scholarship. Awarded to a deserving student.

George Rush Franklin Scholarship Fund of Boys Club of Augusta, Inc.

Georgia State Scholarship Commission. This program provides scholarships for Georgia residents with financial need and scholastic ability for study in professional and educational fields.

Georgia State Teachers Scholarships. Awarded to citizens of

Georgia who meet qualifications set forth by the Georgia State Teacher Scholarship Program.

Grovetown Lion's Club Scholarship. Awarded annually to deserving student.

Grovetown Woman's Club Scholarship. Awarded annually to deserving student.

Hartley's Uniform Shoppe Scholarship. Awarded to a nursing student in honor of Gerald B. Robins.

Joe Mays Robertson Scholarship Fund. This fund was established by Mr. George Shaw of Melbourne, Florida, in memory of the late Augusta College Professor Joe Mays Robertson. Preference will be given to Mathematics students.

Junior Woman's Club of Augusta. This award is given to a needy and worthy student.

National Association of Accountants Scholarship. Sponsored by the Augusta Chapter to an outstanding accounting major.

North Augusta Woman's Club Scholarship. Award to a student in good standing who resides in North Augusta, South Carolina.

Optimist Club of Augusta Scholarship. Awarded to deserving students.

Order of American Hellenic Educational Progressive Association. This award is given to a worthy student of Hellenic descent.

Pi Kappa Phi Scholarship. Award sponsored by Augusta College Pi Kappa Phi Chapter to an entering freshman student.

Regents' State Scholarships. To insure that no exceptionally bright student will be denied the opportunity for a college education because of lack of financial aid, the Regents of the University System of Georgia have established a scholarship fund. The scholarships are to be awarded to residents of Georgia who need financial assistance and are in the upper one-fourth of their class.

Rho Chapter of the Delta Kappa Gamma Society Scholarship. Awarded to a future teacher.

South Augusta Woman's Club Scholarship. Awarded annually to deserving student.

Stapleton Garment Company Scholarship. This is awarded to a son or daughter of an employee of the Stapleton Garment Company.

Summerville Exchange Club Scholarships. Sponsored by the Summerville Exchange Club of Augusta for deserving students.

T. Harry Garrett Scholarship Fund. Scholarship awarded annually to girl graduate of Richmond Academy with preference given to one entering from Tubman Junior High.

Ty Cobb Educational Foundation. Scholarships are available for students who are Georgia residents, single, of at least sophomore standing, and have a 3.0 average or better.

Vocational Rehabilitation Scholarships. For students who are physically handicapped.

Webb's Masonic Lodge #166, General Scholarships. Awarded to a deserving student.

West Augusta Rotary Club Scholarship. Awarded to a deserving student.

ALUMNI ASSOCIATION

The Alumni Association serves as a supporting agency of the college in its growth and influence and as a means of continuing an interest in learning and search for knowledge generated among graduates in student years. As such it is an extension of the student body.

The Alumni Association sponsors numerous events for both students and alumni to expand continuously the interest of both in the development of the college.

ALUMNI ASSOCIATION OFFICERS

1970-71

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AUGUSTA COLLEGE FOUNDATION

The Augusta College Foundation was established in 1963 to further the interests of Augusta College and to provide support for the college in those areas not supported by state or governmental appropriations. The primary aim of the Foundation is to advance the college in its educational program by aiding in its constant reach for the highest standards recognized in the field of learning.

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B.S., M.S., University of Miami; further graduate study, University
of Texas & University of Georgia.
- KEITH W. COWLING.....*Assistant Professor of Art*
Graduate, Plymouth College of Art; N.S.A.M.; F.R.S.A.; further
study, University of Reading (England), University of Exeter (Eng-
land), Shakespeare Memorial Theatre (England), University of
Venice (Italy).
- SPYROS J. DALIS.....*Associate Professor of Political Science*
A.B., M.A., University of Georgia; further graduate study, Duke
University, American University, University of Georgia.
- SHARON L. DANIEL.....*Instructor in Physical Education*
A.B.T., Appalachian State Teachers College; M.A., Wake Forest
College.
- J. KENNETH DAVIDSON, SR.*Assistant Professor of Sociology*
B.S.Ed., M.A., University of Georgia.

*On leave 1970-71

- ROY E. DELP.....*Assistant Professor of Music*
B. Mus., Oberlin College; M. Mus., New England Conservatory.
- VIRGINIA E. DETREVILLE.....*Assistant Librarian*
B.A., University of Southern California; M.Ln., Emory University.
- HARRIETTE S. DEWITT.....*Temporary Instructor in Business*
Administration
B.B.A., Augusta College.
- J. GRAY DINWIDDIE, JR.....*Professor of Chemistry*
B.S., Randolph-Macon College; Ph.D., University of Virginia.
- HARRY DOLYNIUK¹.....*Associate Professor of Chemistry*
B.S., Dickinson State Teachers College; M.A.T., University of Indiana.
- MARYA M. DUBOSE.....*Temporary Instructor in English*
B.A., University of South Carolina; Ph.D. candidate, University of Georgia.
- FRANK M. DUMAS.....*Professor of Psychology*
B.S., M.A., University of Virginia; Ph.D., University of Texas.
- LINDA D. DUNAWAY.....*Instructor in Nursing*
B.S.N., Emory University.
- SAMUEL D. DUNCAN, JR. *Associate Professor of Romance Languages*
Chairman of the Modern Language Dept.
B.S., Georgia Teachers College; M.A., Ph.D., University of North Carolina.
- JAMES M. DYE.....*Associate Professor of Education*
Chairman of the Education Dept.
B.S. Ed., University of Alabama; M.Ed., Ed.D., University of Georgia.
- ED. M. EDMONDS.....*Associate Professor of Psychology*
B.A., Stetson University; M.S., Auburn University; Ph.D., Texas Christian University.
- JANE ELLIS ELKINS.....*Assistant Professor of Psychology*
B.S., University of Alabama; M.S., Auburn University; Ph.D., University of Georgia.
- MARTHA K. FARMER.....*Assistant Professor of Business*
Administration
B.S., M.S.C., University of Alabama.
- EDWIN H. FLYNN.....*Associate Professor of Business Administration*
B.A., M.A., University of Connecticut; Ph.D., Indiana University.

¹Faculty Marshal

- MARGUERITE F. FOGLEMAN *Associate Librarian*
B.S., B.S./L.S., Louisiana State University.
- ELOY FOMINAYA *Professor of Music*
Chairman of the Fine Arts Dept.
B.Mus., Lawrence College; M.Mus., North Texas State University;
Ph.D., Michigan State University.
- CHARLES T. FREEMAN *Assistant Professor of English*
B.A. Bowdoin College; M.A., Columbia University; further grad-
uate study, University of Georgia.
- ROBERT E. FRICKEY *Associate Professor of Sociology*
Chairman of the Sociology Department
B.S., M.A., University of Rochester; Ph.D., University of Maryland.
- RICHARD H. L. GERMAN *Assistant Professor of History*
B.A., University of Puget Sound; M.A., Ph.D. candidate, Univer-
sity of Florida.
- ELIOT A. GLASSHEIM *Assistant Professor of English*
B.A., Wesleyan University; M.A., Ph.D. candidate, University of
New Mexico.
- JEAN W. GODIN *Associate Professor of Secretarial Science*
B.S., Bob Jones University; M.A., George Peabody College.
- GERALDINE W. HARGROVE *Associate Professor of Education*
B.S., Georgia State College for Women; M.Ed., University of South
Carolina; Ph.D. candidate, University of South Carolina.
- JULIAN S. HEYMAN *Instructor in Education*
A.A., Armstrong State College; A.B., Georgia Southern College;
M.Ed., University of Georgia.
- WILLARD M. HILL *Assistant Professor of Psychology*
B.A., University of Texas at El Paso; M.A., Ph.D., Texas Tech-
nological University.
- JAMES F. HODGES, JR. *Assistant Professor of Business*
Administration
B.S., Georgia Institute of Technology; M.B.A., Georgia State
College; Ph.D. candidate, University of Georgia.
- NED A. HOLSTEN *Associate Professor of History*
A.B., M.A., University of California; Ph.D., University of South
Carolina.
- DAVE E. HUFFSTETLER *Assistant Professor of English*
B.A., graduate study, University of Texas.
- HARRY M. JACOBS *Associate Professor of Music*
B.M., University of Rochester; M.M., Northwestern University.

- RHONDA EUGENE JOHNSON.....*Assistant Professor of English*
A.B., Duke University; M.A.T., Yale University; Ph.D. candidate,
State University of New York at Buffalo.
- WILLIAM J. JOHNSON*Associate Professor of English*
Chairman of the English Dept.
B.A., M.A., Ph.D., University of Texas.
- DAVID T. S. JONES.....*Assistant Professor of Fine Arts*
B.A., Williams College; Certificate in Sculpture, Yale University;
M.Ed., University of Georgia.
- NORMAN R. KAYLOR.....*Assistant Professor of Business*
Administration
B.S., Middle Tennessee State; M.B.A., Georgia State College;
Ph.D. candidate, University of Mississippi.
- GERALD A. KELLY*Instructor of Speech and Drama*
B.A., Wofford College; M.A., University of South Carolina; fur-
ther graduate study, Stanford University.
- LEONARD V. KOSINSKI.....*Temporary Assistant Professor of English*
B.A., M.A., Ph.D., University of Wisconsin.
- FEDERICO LAREDO.....*Assistant Professor of Modern Languages*
LL.B., University of Maryland; B.S., Loyola University; M.A.,
Tulane University.
- SILAS D. LEWIS.....*Associate Professor of Chemistry*
B.S., Wake Forest College; Ph.D., Georgia Institute of Technology.
- DONALD A. MARKWALDER *Professor of Business Administration*
B.S., Illinois State Normal; M.A., Ph.D., Northwestern University.
- ORIZZONTE G. A. MASTROIANNI.....*Instructor in Political Science*
L.L., Royal Lyceum "Umberto I.," Naples, Italy; B.A., M.P.A.,
New York University.
- FREDDY J. MAYNARD*Associate Professor of Mathematics*
B.S., Georgia State College; M.Ed., University of Georgia; Ed.D.,
University of Georgia.
- OLA H. McLOUGHLIN.....*Instructor in English*
B.A., University of Alabama; M.A., University of Minnesota;
further graduate study, Tulane University.
- FRANK M. McMILLAN, III.....*Associate Professor of Education*
B.S., M.Ed., University of South Carolina; Ed.D., University of
Georgia.
- JOHN L. McNEAL.....*Assistant Professor of Business Administration*
B.S., University of Kentucky; M.B.A., University of Miami.

- GEORGE D. MEINHOLD *Assistant Professor of English*
B.A., Midland College; A.M., further graduate study, Columbia University.
- MATTHEW S. MOORE *Assistant Professor of English*
B.A., University of Florida; M.A., Ph.D. candidate, Duke University.
- DAVID M. MORRIS *Professor of Biology*
Chairman of the Biology Dept.
B.A., M.A., Earlham College; Ph.D., Indiana University.
- MARVIN R. MUELLER *Associate Professor of Psychology*
A.B., University of South Dakota; M.A., Ph.D., Texas Christian University.
- FLOYD B. O'NEAL *Professor of Chemistry*
Chairman of the Chemistry Dept.
B.S., The Citadel; M.S., Tulane University; Ph.D., Georgia Institute of Technology.
- CAROL L. NORMAN *Assistant Professor of Nursing*
B.S.N., Emory University; M.S.N., Medical College of Georgia.
- SHIRLEE ANN OWENS *Temporary Instructor in Sociology*
A.B., University of Georgia; M.A., Middlebury College.
- FRANCES PAULK *Assistant Librarian*
B.S.Ed., Georgia College at Milledgeville; B.S./L.S., M.A./L.S., George Peabody College.
- JOHN W. PEARCE *Professor of Chemistry*
B.S., M.S., Ph.D., Michigan State University.
- W. CREIGHTON PEDEN *Fuller E. Callaway Professor of*
Philosophy
B.A., Davidson College; M.A., University of Chicago; Ph.D., St. Andrews University.
- TOMMY L. PEPPER *Instructor in Physical Education*
B.S., Florida State; M.Ed., Florida Atlantic University.
- J. EUGENE PIERCE *Professor of Business Administration*
Chairman of the Business Administration Dept.
B.A., M.S., University of Tennessee; Ph.D., University of Pennsylvania.
- WALTER L. POWERS *Associate Professor of Physics*
B.S., Tennessee Technological University; M.S., Ph.D., University of Tennessee.
- *GARY J. PREVITS *Assistant Professor of Business Administration*
B.S.B.A., John Carroll University; M.Acc., The Ohio State University; C.P.A.

*On leave 1970-71

- THOMAS W. RAMAGE.....*Associate Professor of History*
B.A., University of Kentucky; B.D., Southern Baptist Theological
Seminary; M.A., Ph.D., University of Kentucky.
- GEORGE M. RICHARDSON.....*Assistant Professor of Business*
Administration
B.S.I.M., M.S.I.M., Georgia Institute of Technology; Ph.D. candi-
date, Georgia State College.
- SILVIA G. RICHART.....*Associate Professor of Chemistry*
Sc.D., University of Havana.
- THOMAS M. RILEY.....*Associate Professor of English*
B.A., University of Georgia; M.A., Columbia University.
- S. PRESTON ROCKHOLT.....*Professor of Music*
A.B., Wheaton College; M.M., American Conservatory of Music;
Mus.D., Northwestern University.
- A. RAY ROWLAND.....*Associate Professor of Library Science*
A.B., Mercer University; M.Ln., Emory University.
- KATHRYN L. RUFO.....*Assistant Professor of Nursing*
B.S.N., M.S.N., Medical College of Georgia.
- CHARLES D. SAGGUS.....*Assistant Professor of History*
B.A., Louisiana State University; M.A., University of Georgia;
Graduate Study, Louisiana State University Law School; Ph.D.
candidate, Emory University.
- VOILA A. SAWYER.....*Assistant Professor of Library Science*
Assistant Librarian
A.B., University of South Carolina; M.S., Florida State University.
- FREEMAN L. SCHOOLCRAFT.....*Assistant Professor of Art*
In residence Midway Studios with sculptor Loreda Taft, 1925-
1929; further study, Art Institute of Chicago; travel study, Europe
and Mexico.
- ANNE SHEPPARD.....*Instructor in Education*
A.B.J., M.Ed., University of Georgia.
- MYRNA J. SILVERSTEIN.....*Assistant Professor of English*
B.A., Oberlin College; M.A., further graduate study, University
of Wisconsin.
- CONSTANCE H. SKALAK.....*Associate Professor of Nursing*
B.S.N., M.N., Emory University.
- BARTHOLOMEW P. SMITH.....*Assistant Professor of Business*
Administration
B.S., St. Norbert College; M.B.A., Syracuse University; further
graduate study, University of Georgia.

- JAMES H. SMITH.....*Assistant Professor of English*
A.B., University of South Mississippi; M.A., University of Mississippi; Ph.D., candidate, Tulane University.
- JOHN M. SMITH, JR.....*Assistant Professor of Sociology*
B.S., M.Ed., University of Georgia; Ph.D. candidate, University of Georgia.
- BARBARA T. SPEERSTRA.....*Assistant Professor of Education*
B.A., Michigan State University; M.A., Siena Heights College; Ed.D., Indiana University.
- JESSIE B. STEWART.....*Instructor in Education*
B.A., LaGrange College; M.Ed., Ed.S., University of Georgia.
- HARVEY L. STIREWALT.....*Assistant Professor of Biology*
B.A., M.S., University of Mississippi; Ph.D., candidate, University of Tennessee.
- JAMES I. ST. JOHN.....*Assistant Professor of English*
A.B., Wofford College; M.A., further graduate study, University of South Carolina.
- LARS R. STRONG.....*Instructor in German*
A.B., Ball State University; M.A., Duke University.
- PAUL F. TAYLOR.....*Assistant Professor of History*
A.B., Eastern Kentucky University; M.A., Ph.D., University of Kentucky.
- BILLY B. THOMPSON.....*Assistant Professor of Business Administration*
B.B.A., M.B.A., University of Georgia.
- HARRY W. THOMPSON.....*Assistant Professor of Psychology*
B.S., University of Louisville; B.D., University of the South; M.Ed., University of Georgia.
- JERRY SUE TOWNSEND.....*Associate Professor of Mathematics*
B.S., M.A., East Carolina College; Ph.D., Florida State University.
- FRANK R. TUBBS.....*Associate Professor of Education*
A.B., Maryville College; M.S. Ed., Ed.D., University of Tennessee.
- ANNA JO TURNER.....*Assistant Professor of Mathematics*
B.A., Carson-Newman College; M.Ed., University of Georgia.
- JANICE B. TURNER.....*Associate Professor of Chemistry*
A.B., Georgia State College for Women; M.S., Emory University; Ph.D., University of South Carolina.

- MARVIN VANOVER.....*Associate Professor of Physical Education
Chairman of the Physical Education Dept.*
B.S., Georgia Teachers College; M.A., George Peabody College.
- SHELBY L. WALLACE.....*Associate Professor of Biology*
B.A., M.S., University of Mississippi; further graduate study,
University of Mississippi.
- RALPH H. WALKER.....*Assistant Professor of Political Science*
B.A., M.A., Kent State University; Ph.D. candidate, University of
Georgia.
- WILLIAM P. WANSBORO.....*Temporary Instructor in Business
Administration*
B.S., U. S. Military Academy; M.A., George Washington Uni-
versity.
- BROOKE B. WEBBER.....*Associate Professor of Biology*
A.B., Lafayette College; M.S., Ph.D., Yale University.
- WILLIAM L. WHATLEY.....*Assistant Professor of Economics*
B.S., M.S., University of South Carolina.
- STEWART L. WIGGINS.....*Associate Professor of Psychology*
Joint appointment with the Medical College of Georgia; B.S., M.S.,
Ph.D., University of Georgia.
- GROVER B. WILLIAMS.....*Professor of Mathematics
Chairman of the Mathematics Dept.*
A.B., College of William and Mary; M.A., Ohio State University;
further graduate study, Ohio State University, University of North
Carolina.
- CHARLES L. WILLIG.....*Assistant Professor of English*
B.S., M.A., Oklahoma State University; Ph.D., University of Tulsa.
- PERCY WISE.....*Professor of Romance Languages*
A.B., University of South Carolina; M.A., University of North
Carolina; further graduate study, University of Poitiers (France),
Duke University, University of Illinois, New York University,
Saltillo State Teachers College (Mexico), University of Valencia
(Spain).
- VELMA C. WITTKAMP.....*Assistant Professor of Physical
Education*
B.S. in Ed., Georgia Southern College; M.S.T., Georgia Southern
College.
- ELIZABETH S. WOODWARD.....*Associate Professor of Physics*
B.S., Tennessee Technological University; M.S., Ph.D., Florida
State University.

MARGARET J. YONCE *Assistant Professor of English*
 A.B., Newberry College; M.A., University of Georgia; Ph.D.,
 University of South Carolina.

PART-TIME FACULTY (1970-71)

NEAL B. ANDREGG *Education and Mathematics*
 B.S., M.A., Ohio State University; Ed.D., Michigan State University.

LOIS B. AKINS *Fine Arts*
 B.M.E., Georgia College at Milledgeville.

OTIS F. ASKIN *Business Administration*
 LL.B., University of Georgia.

BARNEE C. BAXTER, JR. *Business Administration*
 A.B., Wofford College; LL.B., University of Georgia.

WILLIAM K. BECKWORTH *Engineering Graphics*
 B.E.E., Georgia Institute of Technology.

WALLACE DAY *Physics*
 B.S., M.S., University of Alabama.

WILLIAM W. GARRETT *Sociology*
 B.A., Auburn University; M.S.W., Florida State University.

WILLIAM GIESLER *Music*
 B.M.E., East Tennessee State University.

WALTER H. HALLORAN *Philosophy*
 A.B., M.A., B.Th., St. Louis University.

VOLA JACOBS *Music*
 B.Mus., Eastman School of Music; graduate study, Julliard Graduate School.

DOUGLAS A. JOWETT *Mathematics*
 B.A., and graduate study, University of Maine.

ROGER GEORGE KROETZ *Mathematics*
 B.S., Bowling Green State University; M.S., Ohio State University.

DOUGLAS M. MAGEE *Business Administration*
 B.S., University of Southern Mississippi; J. D., University of Mississippi.

BENJAMIN W. MCCONNELL *Mathematics and Physics*
 B.S., East Tennessee State College; M.S., Ph.D.; Virginia Polytechnic Institute.

- HOWARD F. MORIN *Business Administration*
B.A., B.S.I.E., Rutgers University; M.S.I.A., Purdue University.
- LEE NEEL, III *Business Administration*
B.Cer.E., Georgia Institute of Technology; M.B.A., Emory University.
- G. STARR NICHOLS *Mathematics*
B.S., Ph.D., University of Wisconsin.
- JAMES C. OVERSTREET *Political Science*
B.A., Augusta College; J. D., Mercer University.
- HAROLD B. PEACOCK, JR. *Mathematics*
B.S.M.E., M.S., Georgia Institute of Technology; Ph.D., University of Tennessee.
- JOAN C. PURYEAR *English*
B.A., Mississippi State University; M.A., Florida State University.
- WILLIAM W. RILEY *Music*
B.A., Elon College; M.A., Teachers College, Columbia University.
- ROBERT E. SANDERS *Education*
A.B.Ed., University of S.C., M.Ed., Emory University.
- LOUIS SAUL *Business Administration*
B.B.A., LL.B., University of Georgia.
- DAYTON L. SHERROUSE *Business Administration*
B.A., M.S., Florida State University.
- JOHN R. SPEER *Biology*
B.S., M.S., Northern Illinois University.
- ARTEMISIA D. THEVAOS *Music*
B.M., Wesleyan Conservatory; M.M., Indiana University.
- ERNESTINE H. THOMPSON *Anthropology*
B.A., University of Kentucky; M.Ed., University of Georgia.
- WARREN R. WALLE *Mathematics*
B.S., M.S., Clemson University.

EMERITUS FACULTY

- JOHN EVANS EUBANKS *Professor Emeritus of Political Science*
A.B., A.M., Wofford College; A.M., Columbia University; further graduate study, Columbia University, American Academy (Italy).
- NORMAN LOCHRIDGE GALLOWAY *Dean of Students Emeritus*
B.S., Murray State Teachers College; M.A., further graduate study, George Peabody College.

CHESTER MCKINLEY SUTTON.....*Professor Emeritus of English*
A.B., Guilford College; A.B., Haverford College; M.A., University
of North Carolina; further graduate study, University of North
Carolina, Duke University.

JOSEPH LECONTE TALLEY.....*Professor Emeritus of Physics*
B.A., University of Georgia; M.S., Mercer University; graduate
study, Columbia University.

COLLEGE PERSONNEL

LIBRARY STAFF

MARY A. CRAVEN.....	Secretary
ONEIDA R. GIBSON, A.A.....	Library Assistant
MARIAN W. HUGHES	Library Assistant
MARTHA D. MELTON.....	Library Assistant
MARY R. MULCAY.....	Library Assistant
ALICE W. TWIGGS, B.A.....	Library Assistant
OUIDA W. WELDON, B.A.....	Library Assistant

BUSINESS SERVICES

LAWRENCE W. MORRIS, JR., B.B.A.	<i>Business Office Manager</i>
CAROLYN H. LANFORD	<i>Assistant Bookkeeper</i>
CHRIS W. DIECK	<i>Assistant Bookkeeper</i>
NANCY H. KERN	<i>Assistant Bookkeeper</i>
MARY E. ADAMS	<i>Cashier</i>
JACK A. HAMILTON	<i>Director, Procurement and Personnel</i>
DELL HARDY	<i>Purchasing Clerk</i>
BARBARA MEYERS	<i>Secretary to the Director of Procurement and Personnel</i>
CASMIER SZOCINSKI	<i>Property Custodian</i>
ROBERT V. HARRIS	<i>Mail Distribution</i>
JANETTE WILSON	<i>Switchboard Operator</i>

STUDENT RECORDS

MARJORIE C. DANIEL.....*Veterans and Selective
Service Clerk*
HELEN E. BUSSEY.....*Records Clerk*
PENNY G. WILSON.....*Records Clerk*

PUBLIC SAFETY

JULIAN W. ARMSTRONG, B.S.	Director
JUNE WALLOM	Secretary
WILLIAM E. THOMAS	Sergeant-Safety Officer
VERNON JACKSON	Safety Officer
EDWARD YARBOROUGH	Safety Officer

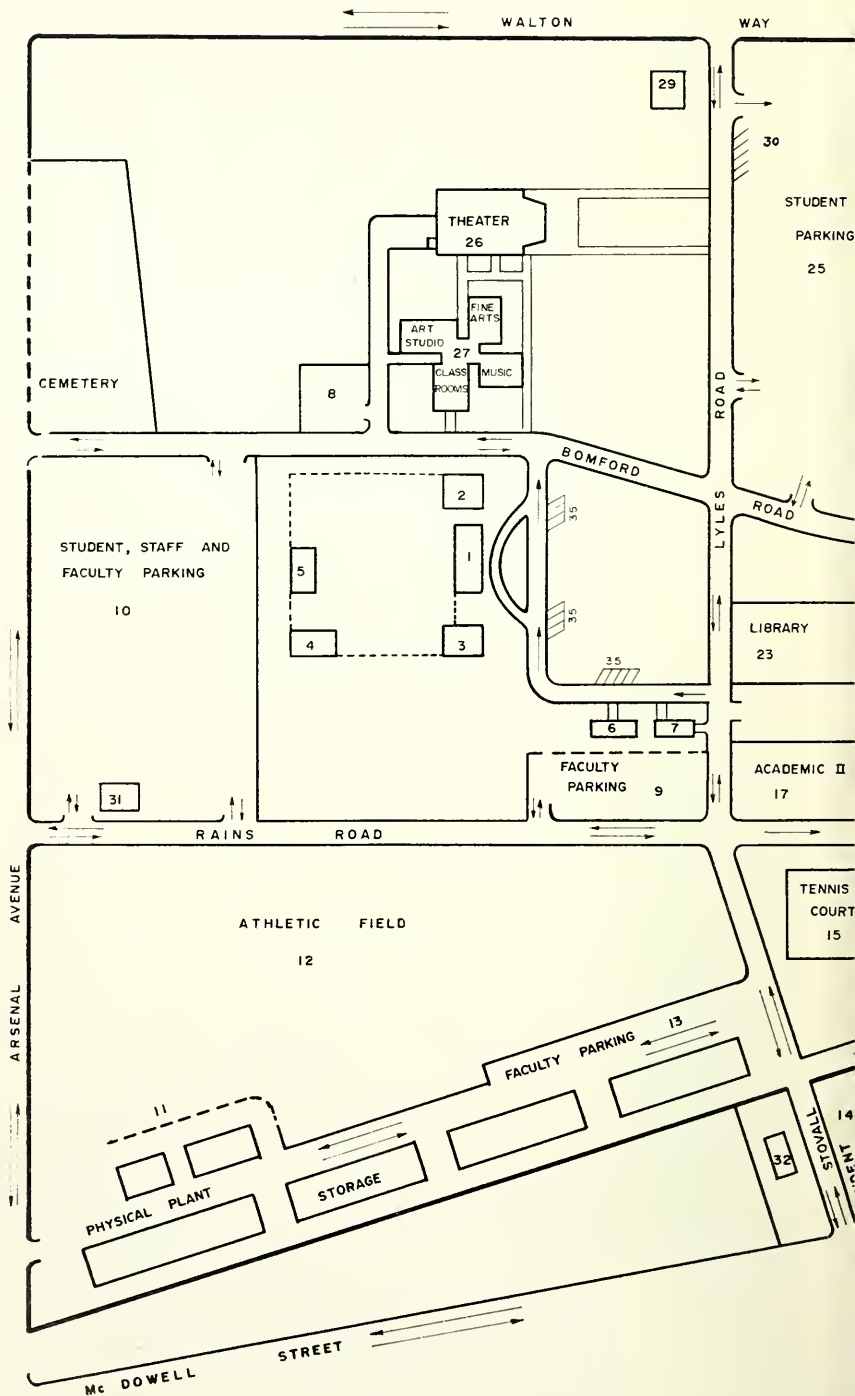
PHYSICAL PLANT AND AUXILIARY SERVICE STAFF

CURTIS D. ADAMS, B.S.	Director, Physical Plant
WILLIAM C. ALLEN	Assistant to the Plant Director
IDA C. FRIEDMAN	Director and Manager, Bookstore and Cafeteria
HENRY THOMAS	Manager, Performing Arts Theater
FRANK GRIFFIN	Assistant Manager, Bookstore
MAMIE L. PRINTUP	Assistant Manager, Cafeteria
JUANITA K. WIDENER	Dietitian
CAROL C. JOHNSON	Secretary to Director Physical Plant
MARY F. BAILEY	Secretary, Bookstore and Cafeteria

GENERAL OFFICE STAFF

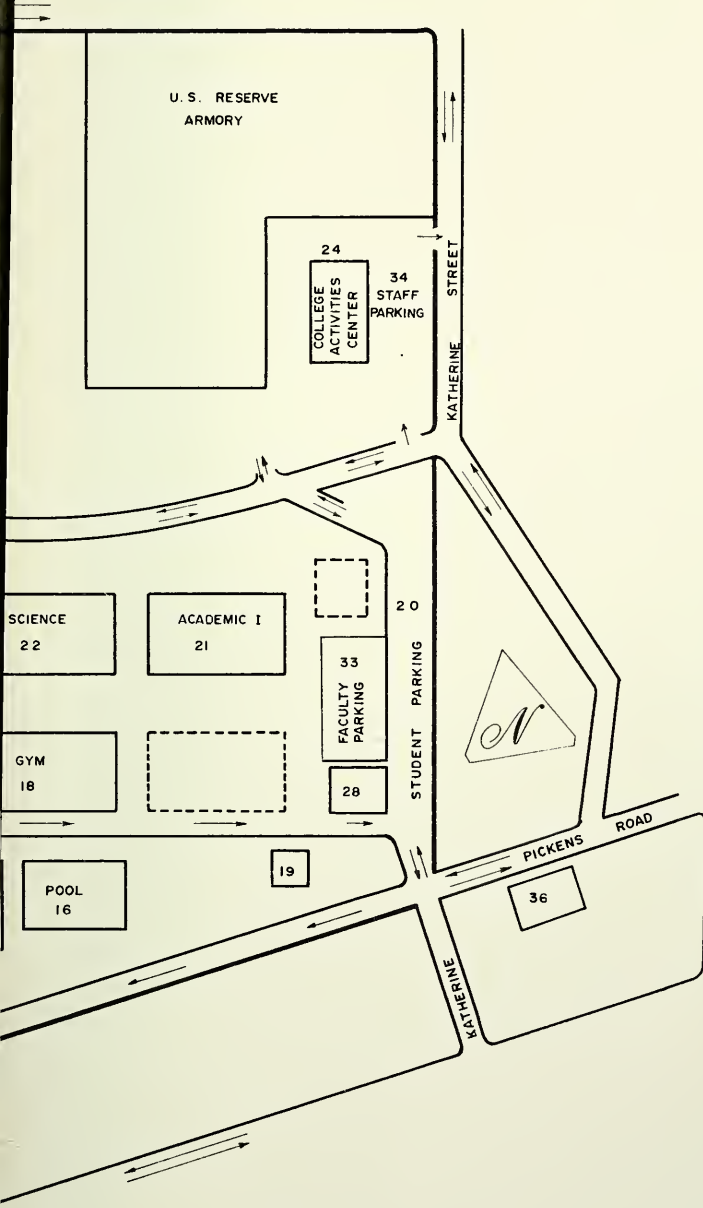
EVELYN P. FARR	Secretary to President
CHRISTIAN B. BOWEN	Secretary to Academic Dean
MARY N. GARDINER	Secretary, College and Public Services
MARY DICKSON	Secretary to Dean of Students
VERA N. WILKERSON	Secretary, Comptroller's Office
FRANCES F. EDDINS	Secretary to Registrar
THELMA DELOACH	Secretary, Office of Admissions
RITA E. PATRICK	Secretary to Director of Extended Services
ESTHER SMEAK	Secretary to Director of Institutional Research
JUANITA M. DENNIS	Data Processing Supervisor
ELIZABETH BOYD	Secretary, Counseling Center
FRANCES D. MORRISON	Secretary to Coordinator of Student Activities

EMMIE W. YOUNG *Secretary to Coordinator, Information
and Publications*
 ANDREA S. JENNINGS *Secretary, Fine Arts Department*
 ELLA C. OWENS *Secretary, Biology and Chemistry
Departments*
 LINDA FAIRCLOTH *Secretary, Business Administration
Department*
 TERRY JONES HERRING *Secretary, Education Department*
 MARLENE BOBO *Secretary, English Department*
 KAYE M. KEEL *Secretary, History-Philosophy-Political
Science Department*
 NOVA WYLDs *Secretary, Mathematics Department*
 SYLVIA M. AENCHBACHER *Secretary, Modern Language
and Psychology Departments*
 MARIE W. ROUSH *Secretary, Nursing Education Department*
 JEAN STEWART *Secretary, Physical Education Department*
 INEZ F. FOSTER *Secretary, Physics and Sociology
Departments*
 FRANCES M. NEWSOME *Secretary, Financial Aid*
 VIRGINIA P. SCHMITZ *Secretary, Director of Fine Arts
Activities*
 CYNTHIA N. DAVIS *Secretary, Fort Gordon Center*



College Campus

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- 2 RADIO STATION BUILDING
- 3 PRESIDENT'S HOUSE
- 4 DATA CENTER
- 5 BUSINESS OPERATIONS
- 6 BELLEVUE HALL
- 7 FACULTY OFFICES
- 8 FACULTY PARKING I
- 9 FACULTY PARKING II
- 10 STUDENT, STAFF & FACULTY PARKING
- 11 PHYSICAL PLANT
- 12 ATHLETIC FIELD
- 13 FACULTY PARKING III
- 14 STUDENT PARKING I
- 15 TENNIS COURT
- 16 SWIMMING POOL
- 17 ACADEMIC BUILDING II
- 18 GYM
- 19 PSYCHOLOGY LABORATORY
- 20 STUDENT PARKING II
- 21 ACADEMIC BUILDING I
- 22 SCIENCE BUILDING
- 23 LIBRARY
- 24 COLLEGE ACTIVITIES CENTER
- 25 STUDENT PARKING III
- 26 PERFORMING ARTS THEATER
- 27 FINE ARTS BUILDING
- 28 POLIO FOUNDATION
- 29 PUBLIC SAFETY- INFO
- 30 VISITORS PARKING
- 31 CHATEAU
- 32 COLLEGE HOUSING
- 33 FACULTY PARKING IV
- 34 STAFF PARKING
- 35 VISITOR S PARKING
- 36 BOYKIN WRIGHT HALL



